

ATTACHMENT A - FUNCTIONAL SPECIFICATIONS

Spec ID	Specification Description	Priority	Response	Additional Comments
System Administration				
1	System data tables are maintained via GUI based forms.	I	Not Answered	
2	Access to data table administration screens is restricted by operator, role, and workstation.	I	Not Answered	
3	Access to data system administration utilized Microsoft Active Directory (AD) network management tools.	I	Not Answered	
4	Standard Microsoft (MS) Windows edit features are available when using System Administration forms.	I	Not Answered	
Maintenance for system tables allows the following actions:				
5	• Cut	I	Not Answered	
6	• Paste	I	Not Answered	
7	• Copy	I	Not Answered	
8	• Insert	I	Not Answered	
9	• Delete	I	Not Answered	
10	System data tables can be initially loaded via import of comma-separated values (CSV) or MS Excel files using agency-created data.	I	Not Answered	
11	System data table data can be exported to a CSV or MS Excel format file.	I	Not Answered	
12	Administration of system tables for all modules of the proposed system can be maintained from a single, authorized workstation.	I	Not Answered	
13	The administration of system tables for all modules of the proposed system can be maintained from multiple workstations.	I	Not Answered	
14	The administrator from any agency can use any administrative workstation on the shared CAD system to log into that administrator's home system.	I	Not Answered	
15	Administration of system tables for all modules of the proposed system can be maintained securely from remote workstations.	I	Not Answered	
16	The system provides a network monitoring capability that will send messages to County defined workstations or operator accounts when pre-defined network problems are detected.	I	Not Answered	
17	All data associated with the system including, data entered as static table entries, data records created as a result of information entry for a call for service and response, all messages, audit log records, etc. are the property of originating agency and may be exported as determined by the agency.	I	Not Answered	
18	The system handles errors and error correction in a consistent manner throughout the application.	I	Not Answered	
19	The system displays descriptive messages for data entry issues and system related problems.	I	Not Answered	
20	The system provides editing capabilities for correction of errors.	I	Not Answered	
21	When errors are encountered within a data entry form, the system will automatically place the cursor on the field in error and display a descriptive error message.	I	Not Answered	
System table maintenance				
The system is capable of accepting data migration files for Butler County Caliber v6.2.3.77 CAD to the Proposers CAD for:				
22	• Event record data (e.g., event, unit status, remarks)	I	Not Answered	
23	• Premises history data	I	Not Answered	
24	• Premises hazard / alert data	I	Not Answered	
25	• Configuration tables (e.g., units, runcards, common name, alias)	I	Not Answered	
The system is capable of accepting data migration files for Lawrence County Caliber v6.2.3.78C CAD to the Proposers CAD for:				
26	• Event record data (e.g., event, unit status, remarks)	I	Not Answered	
27	• Premises history data	I	Not Answered	
28	• Premises hazard / alert data	I	Not Answered	
29	• Configuration tables (e.g., units, runcards, common name, alias)	I	Not Answered	
The system is capable of accepting data migration files for Mercer County Intergraph v8.1.2.39 CAD to the Proposers CAD for:				
30	• Event record data (e.g., event, unit status, remarks)	I	Not Answered	
31	• Premises history data	I	Not Answered	
32	• Premises hazard / alert data	I	Not Answered	
33	• Configuration tables (e.g., units, runcards, common name, alias)	I	Not Answered	
The system is capable of accepting data migration files for Venango County Caliber v6.2.77 CAD to the Proposers CAD for:				
34	• Event record data (e.g., event, unit status, remarks)	I	Not Answered	
35	• Premises history data	I	Not Answered	
36	• Premises hazard / alert data	I	Not Answered	
37	• Configuration tables (e.g., units, runcards, common name, alias)	I	Not Answered	
38	Static table data will be migrated from the current CAD system to the Proposer's CAD system.	I	Not Answered	
39	System tables can be updated without requiring a system restart.	I	Not Answered	
40	System tables can be updated without requiring workstation restart.	I	Not Answered	
41	Data for system tables can be imported from standard format (e.g., MS Excel) file.	I	Not Answered	
42	Performing system table maintenance does not degrade system performance.	I	Not Answered	
43	Table maintenance operations are logged.	I	Not Answered	
44	Table maintenance logs are searchable, retrievable and reportable.	I	Not Answered	
45	System table data can be exported to a standard format file (e.g., CSV) to be used to create a printable listing.	I	Not Answered	
46	The system utilizes a forms based user interface for data table maintenance.	I	Not Answered	
47	The system allow system maintenance to be performed using a remote terminal, utilizing security features associated with log on roles and workstation restrictions.	I	Not Answered	
48	The system provides data storage monitoring tools allowing system administrators to track data base utilization.	I	Not Answered	
49	The system provides data tuning and optimization tools for data storage utilization.	I	Not Answered	
The system able to create and maintain support data files used in dispatch center operations, including:				
50	• Street closures	I	Not Answered	
51	• Special equipment file(s)	I	Not Answered	
52	• Telephone numbers lists	I	Not Answered	
53	• Notification lists	I	Not Answered	
54	• Personnel files	I	Not Answered	
55	• Special skills (e.g., foreign language, K-9)	I	Not Answered	
56	• Public agency referral lists (e.g., Public Utilities)	I	Not Answered	
57	• Special resource files	I	Not Answered	
58	• Files necessary for unit recommendation	I	Not Answered	
Archive data				
59	The system provides a method to write data associated with CAD events to a non-production server database (i.e., to an archive database).	I	Not Answered	
60	CAD event data written to the archive database includes all associated event and unit data.	I	Not Answered	
61	The system provides a method to write all logs, systems messages, CAD messages to an archive database.	I	Not Answered	
62	An authorized user selects the timeframe for data to be written to the archive database.	I	Not Answered	
63	The system provides a method to select the data to be written to the archive database by time period (e.g., From / To dates).	I	Not Answered	
64	The system provides a method to validate the data written to the archive database.	I	Not Answered	

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65	The system provides a method to purge the data from the production database only after the data has been copied to the archive database and verified.	I	Not Answered	
66	An authorized user selects the timeframe for data to be purge from the production database.	I	Not Answered	
67	The system process to purge data from the production database does not require the operator to reference each data set in accessing and removing data. The system will synchronize the data sets of the data to be removed.	I	Not Answered	
68	Using archiving and purging functions provided with the system do not result in orphaned data in the production data bases.	I	Not Answered	
69	Archiving and purging data does not affect performance of the production CAD system.	I	Not Answered	
	Time synchronization			
70	The system accepts time standard from a master clock device.	I	Not Answered	
71	The time standard synchronizes across all CAD databases, workstations, and servers.	I	Not Answered	
	Date and time			
72	System time can be displayed as 12 hour format.	I	Not Answered	
73	System time can be displayed as 24 hour format.	I	Not Answered	
74	Date is displayed as YYYYMMDD.	I	Not Answered	
75	Time is displayed as HH:MM:SS.	I	Not Answered	
76	The system time will auto-adjust for Daylight Savings Time without impacting system operation.	I	Not Answered	
77	All times are displayed and stored as local time.	I	Not Answered	
	Definable function keys			
78	The system allows the execution of CAD functions using predefined keyboard function keys.	I	Not Answered	
79	An Agency can define the function keys using a system enabled process through the System Administration functions.	I	Not Answered	
80	The system allows any CAD function to be defined with a function key.	I	Not Answered	
	Operating environment			
81	The workstation operating environment is a MS Windows.	I	Not Answered	
82	The operating environment utilizes standard MS Windows functionalities.	I	Not Answered	
83	The system is multi-jurisdictional, i.e., the system assigns resources based on jurisdiction for a nature code. For example, Jurisdiction A will require 2 Engines and a Truck to a structure fire while Jurisdiction B will require 2 Engines and 2 Trucks.	I	Not Answered	
84	The system operates in an environment of multi-discipline resources on the same event (e.g., Emergency Medical Services [EMS], Fire, and Law Enforcement can be assigned and tracked by the same dispatcher without having to reference separate events).	I	Not Answered	
85	The system operates in an environment of multi-jurisdictional resources on the same event (e.g., City of Butler and Butler County resources on the same event).	I	Not Answered	
86	The system handles multiple disciplines within a jurisdiction.	I	Not Answered	
	MS Windows functionalities, at a minimum, include:			
87	• Cut	I	Not Answered	
88	• Copy	I	Not Answered	
89	• Paste	I	Not Answered	
90	• Cut/Copy/Paste between forms	I	Not Answered	
91	• Delete	I	Not Answered	
92	• Sort	I	Not Answered	
93	• Insert	I	Not Answered	
94	• Print screen	I	Not Answered	
95	• Tab through the form fields	I	Not Answered	
96	• Back-tab through the form fields	I	Not Answered	
97	• Move windows	I	Not Answered	
98	• Resize windows	I	Not Answered	
99	• Find	I	Not Answered	
100	• Replace	I	Not Answered	
101	• Ability to use the numeric keypad for number entry	I	Not Answered	
102	• Ability to use an external numeric keypad for number entry	I	Not Answered	
103	• Point and click	I	Not Answered	
104	• Drag and drop	I	Not Answered	
105	• Drop-down lists	I	Not Answered	
106	• Vertical scroll bar, when the vertical display is larger than the defined area	I	Not Answered	
107	• Word wrap, when the horizontal display is larger than the defined area	I	Not Answered	
108	• Word wrap configured with line breaks between words, not within words	I	Not Answered	
109	• Ability to engage spell check on narrative fields as selected by an operator	I	Not Answered	
110	The server operating environment is configured to use MS Server.	I	Not Answered	
111	The database operating environment uses MS Structured Query Language (SQL) at the time of the proposal.	I	Not Answered	
112	The database operating environment uses Oracle DBMS at the time of the proposal.	I	Not Answered	
113	As a multi-node regional CAD system, the system will interface to each home agency's email server.	I	Not Answered	
114	As a multi-node regional CAD system, the system will interface to each home agency's communications server.	I	Not Answered	
115	The proposed CAD system is capable of providing a 99.999 percent uptime to CAD functionality.	I	Not Answered	
116	The system has the capability to allow users to create, view, and modify event data if the workstation connection to the CAD server is lost (offline).	I	Not Answered	
117	The system has the ability to restore the workstation connection and synchronize the event data updated while offline.	I	Not Answered	
	The system response times for the following actions are less than 1 second of elapsed time 90% of the time. These actions are performed in less than 3 seconds 100% of the time.			
118	• Display blank event entry form.	I	Not Answered	
119	• Assign a single unit to an event.	I	Not Answered	
120	• Change a single unit's status.	I	Not Answered	
121	• Clear a single unit from an event.	I	Not Answered	
	The system response times for the following actions are less than 2 seconds of elapsed time 90% of the time. These actions are performed in less than 4 seconds 100% of the time.			
122	• Verification of a location.	I	Not Answered	
123	• Return a list of location matches when a location can not be uniquely verified with the information entered.	I	Not Answered	
124	• Provide unit recommendation based on a verified location.	I	Not Answered	
125	• Assign up to 10 units to an event from a single command.	I	Not Answered	
	The system response times for the following actions are less than 5 seconds of elapsed time 100% of the time.			
126	• Display a closed event queried by event number.	I	Not Answered	
127	• Sending of a message, 80 Characters.	I	Not Answered	
128	• Sending an event notification from a workstation to a mobile device.	I	Not Answered	
129	• Display of Premises / Hazard data.	I	Not Answered	
130	• Display a list of events queried by unit ID for a single shift.	I	Not Answered	
131	The system network protocol is Transmission Control Protocol (TCP)/Internet Protocol (IP).	I	Not Answered	
132	The proposed system is configured to accommodate a minimum of 3 years of data storage, assuming growth and expansion estimated at 5 percent per year.	I	Not Answered	
133	The system provides a means to perform regular (e.g., daily, weekly) backups.	I	Not Answered	
134	Backups can be complete or incremental, as determined by agency IT.	I	Not Answered	
	Backups will include			

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135	• Static data files	I	Not Answered	
136	• Working data files	I	Not Answered	
137	Performing the backup procedure will not degrade the system performance.	I	Not Answered	
138	The system will report on the status of the backup process, if successful or not successful.	I	Not Answered	
139	The system will include a method to test and restore the viability of the backup on a regular basis (e.g., monthly, quarterly).	I	Not Answered	
140	The System has the capability to roll-back to the date of the last backup in event of system failure.	I	Not Answered	
141	The System has the capability of point-in-time recovery in case of system failure.	I	Not Answered	
142	When a failure occurs, the System creates an error log which will provide sufficient documentation for a technical support person to establish the cause of the failure.	I	Not Answered	
143	Once a failed server has been restored to operational capability it should automatically restart without operator intervention.	I	Not Answered	
144	In the event that any disk or other synchronized storage device is out of sync, the System will automatically synchronize the deficient storage device without operator intervention and without degrading the performance of the System.	I	Not Answered	
145	System Administrators or supervisors must be notified of failures by alerts or automated messages.	I	Not Answered	
146	After installation, the vendor will notify the County as CAD application and module updates are developed and certified to work with Microsoft Windows and Server updates.	I	Not Answered	
Printers				
147	CAD workstations will be assigned a default printer.	I	Not Answered	
148	System printers will be networked and available to all workstations on the network.	I	Not Answered	
149	The system can print to a local (directly connected to the workstation) printer.	I	Not Answered	
150	The system can print to a remote printer not directly connected to the network (web based printing).	I	Not Answered	
151	When generating a print job, the operator does not have to select a printer. The default printer will be automatically selected.	I	Not Answered	
152	The operator may select a printer when needed (e.g., plotter to print maps, color printer when printing reports).	I	Not Answered	
Printing				
153	Event data can be printed at any time during an event.	I	Not Answered	
154	Closed events can be printed.	I	Not Answered	
155	Event data may be printed to any CAD networked printer.	I	Not Answered	
156	Print of event data may be restricted to print at a designated, secure printer at the discretion of an Agency.	I	Not Answered	
157	When an item is submitted for printing, a confirmation message is returned to the workstation initiating the print request when completed.	I	Not Answered	
158	Print transactions (including print screen) are recorded in the transaction / audit log and will include the Operator ID and Workstation ID initiating the print function.	I	Not Answered	
Security				
159	System access can be controlled by administrators of each participating county.	I	Not Answered	
160	System access can be controlled by workstation.	I	Not Answered	
161	System access policies are implemented using MS Active Directory.	I	Not Answered	
162	An Agency System Administrators are capable of restricting the addition of devices (e.g., workstations, printers) to the system.	I	Not Answered	
163	The proposed system must meet applicable CJIS requirements, described in the Criminal Justice Information Services Security Policy, version 5.4, dated 7/13/2012 (CJISD-ITS-DOC-08140-5.4) and updated versions approved by U.S. Department of Justice.	I	Not Answered	
164	The system provides the ability to protect from view or access HIPAA related information from appearing on unauthorized monitors or in unsecured reports.	I	Not Answered	
165	The system supports multi-level security features.	I	Not Answered	
166	The system allows an authorized user from any of the member agencies to log into their home system and operate with full functionality.	I	Not Answered	
167	Access to CAD functions can be granted / restricted by each Agency System Administrator.	I	Not Answered	
168	Access to CAD functions can be granted / restricted per workstation.	I	Not Answered	
169	Access to CAD functions can be granted / restricted per individual.	I	Not Answered	
170	The system utilizes Microsoft Active Directory for user login coordination.	I	Not Answered	
171	The system logs each login in attempt, whether successful or not successful.	I	Not Answered	
172	Security authorizations can be assigned by individuals and by groups.	I	Not Answered	
173	An operator can be associated with multiple security groups.	I	Not Answered	
174	All system and operator accounts are security / password protected.	I	Not Answered	
175	All operator accounts are required to have a unique ID.	I	Not Answered	
176	All operator accounts require a secure password.	I	Not Answered	
177	All passwords are stored in encrypted form.	I	Not Answered	
178	The system allows the operators to change their own passwords.	I	Not Answered	
179	The system can require the operators to change their passwords at regular intervals which are determined by an Agency.	I	Not Answered	
180	The system is configured with a single operator security table across all modules.	I	Not Answered	
181	Operator accounts and passwords are synchronized across all system modules.	I	Not Answered	
182	The system provide single sign on capability across all system functions.	I	Not Answered	
183	Individual accounts and passwords for the system are controlled by an Agency where operator IDs, passwords, security accounts can be created, modified and deleted an authorized Agency operator.	I	Not Answered	
184	Security setting for all components of the proposed system can be maintained from a single, authorized workstation.	I	Not Answered	
185	The CAD system must provide a customer configurable password management system. Passwords may be configured for expiration, minimum length, character types and numbers.	I	Not Answered	
186	The system data access rules allow each user agency to define agency specific security parameters.	I	Not Answered	
187	The system provides the ability to log all database transactions and track by operator ID, workstation ID, date / time, and transaction description.	I	Not Answered	
188	There are no default accounts configured in the system.	I	Not Answered	
189	There are no hidden or "backdoor" accounts configured in the system.	I	Not Answered	
190	Each Vendor access account must be disclosed.	I	Not Answered	
191	Security for each account has a lock-out provision that will lock-out access to an account after a Agency defined number of unsuccessful login attempts.	I	Not Answered	
192	An account that has been locked-out may be reset by an operator with the appropriate security setting.	I	Not Answered	
193	The system provides a configurable screen saver with password protection for desktop and wireless devices.	I	Not Answered	
194	The individual Agency IT Department maintains all security aspects of the system, without reliance on the vendor to perform security functions.	I	Not Answered	
195	The system supports remote maintenance.	I	Not Answered	
196	The application is compatible with the standard anti-virus software for workstations and servers.	I	Not Answered	
197	The workstation software operates with standard anti-virus software without conflict or performance degradation.	I	Not Answered	
198	Anti-virus data files can be maintained and updated from a single workstation or server.	I	Not Answered	
199	Anti-virus data files can be maintained and updated at the individual workstation level.	I	Not Answered	
200	The operator is prevented from logging off when the operator has sole responsibility for events or units that will not be handled on log off. A system message will be generated.	I	Not Answered	

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201	An operator (#2) can log on to an active workstation without requiring the current operator (#1) to perform the log off function, the system will automatically log off the current operator (#1). The system will not require the events or resources to be transferred to another dispatcher during the log on process. For example, a change operator function.	I	Not Answered	
Off-site redundant servers				
202	The system is capable of mirroring data between a minimum of two databases for redundancy.	I	Not Answered	
203	The system is capable of mirroring data to remotely hosted (off-site) databases.	I	Not Answered	
204	The system supports redundant servers in hot standby mode to take over operation should primary servers fail.	I	Not Answered	
205	The redundant servers can be updated and maintained without degradation to primary system operation.	I	Not Answered	
206	If placed off-line, the back-up servers will come on-line automatically and synchronize without degradation to primary system operation.	I	Not Answered	
207	The switch to the backup servers will be seamless and transparent to the workstation operators.	I	Not Answered	
208	The system will deliver a system message to selected workstations (e.g., supervisor, administrator) that primary operations have been switched to the backup system.	I	Not Answered	
209	Vendor will describe how the system will function when system server is offline.	I	Not Answered	
Off-site failover facility				
210	The fail-over system can be set up at a location remote from the primary PSAP.	I	Not Answered	
211	The fail-over system can be operated and maintained from remote location.	I	Not Answered	
212	Switch of operations to the fail-over facility can be performed by the either Agency.	I	Not Answered	
213	Switch of operations from the fail-over facility to the primary facility can be performed by the either Agency.	I	Not Answered	
214	The server at the fail-over facility can be switched to run as the primary server and the workstations at the fail-over facility and the primary facility can operate as live CAD workstations.	I	Not Answered	
215	The workstation at the backup facility can be configured to operate on the primary system as additional workstations.	I	Not Answered	
216	If connection is lost to the recovery site, the system will send a notification message to Agency designated positions and send email to Agency designated recipients.	I	Not Answered	
Data Warehouse (DW) capability				
217	The system maintains a separate database, secure, but accessible to CAD users and Agency authorized non-CAD, external users.	I	Not Answered	
218	The system provides a method to write CAD record data to the DW automatically at regular intervals (e.g., on event closure) as determined by the individual Agency.	I	Not Answered	
219	The system supports DW security that allows view only rights to the data.	I	Not Answered	
220	The DW platform and storage utilize COTS applications.	I	Not Answered	
221	The DW supports automatic requests for data from external applications.	I	Not Answered	
222	The DW supports record and field based security to restrict viewing of records and fields based on the assigned role and agency at logon. For example, the DW security features allow data related to Sheriff's Office be accessible to only operators that log into the DW with that role clearly defined.	I	Not Answered	
Public access portal				
223	The system is capable of exporting data to an external database used as a public accessible web based portal.	I	Not Answered	
224	The data exported to the public access facility will be at intervals determined by an Agency.	I	Not Answered	
225	The data set exported to the public access facility is determined by an Agency.	I	Not Answered	
Remote access workstation				
226	The system supports access to the CAD system from workstations not directly connected to the CAD network (e.g., remote workstations using secure communication such as VPN or secure web based protocols).	I	Not Answered	
227	The access to the system from a remote workstation supports the use of Virtual Private Network (VPN) technology.	I	Not Answered	
228	The access to the system from a remote workstation supports the use secure web based protocols not requiring direct connections.	I	Not Answered	
229	Remote access is restricted to those authorized through system security function and secured passwords (e.g., dual factor authentication).	I	Not Answered	
230	The access to the system from a remote workstation supports the Advanced Encryption Standard (AES) without degrading system throughput.	I	Not Answered	
231	The vendor will list equipment required to establish secure remote workstations.	I	Not Answered	
232	Remote access capability includes the ability to support the system remotely.	I	Not Answered	
233	Remote workstation access to the CAD system complies with CJIS and the PA CLEAN security requirements.	I	Not Answered	
The remote workstation can perform the following:				
234	• Event inquiry	I	Not Answered	
235	• Event status	I	Not Answered	
236	• Unit status	I	Not Answered	
237	• Update an active event	I	Not Answered	
238	• Perform administrative updates (e.g., updating shift based Roll Call information)	I	Not Answered	
239	• Server administration	I	Not Answered	
240	• Call entry and self dispatch (e.g., walk-ins to the Station Desk Clerk)	I	Not Answered	
241	• Execute and print reports	I	Not Answered	
Transaction logging (Audit log)				
242	The system logs each transaction, and includes:	I	Not Answered	
243	• Date and time	I	Not Answered	
244	• Operator ID	I	Not Answered	
245	• Workstation ID	I	Not Answered	
246	• Transaction	I	Not Answered	
247	Each transaction will be logged whether it was successful or not successful.	I	Not Answered	
248	CAD-to-CAD transactions are logged and identified as CAD-to-CAD interface transactions.	I	Not Answered	
249	Retention time for the system transaction logs is defined by an Agency.	I	Not Answered	
250	The system transaction logs can be searched and retrieved by any parameter stored with the transaction.	I	Not Answered	
251	The system transaction logs can be formatted as a listing and printed.	I	Not Answered	
252	The system transaction logs can be sorted by any parameter stored with the transaction.	I	Not Answered	
253	The system maintains transaction logs for each transaction across all modules.	I	Not Answered	
254	Viewing of events are recorded in the transaction / audit log and will include the Operator ID and Workstation ID from which the event is viewed.	I	Not Answered	
255	Executing the historic playback feature is recorded in the transaction / audit log and will include the Operator ID and Workstation ID initiating the playback function.	I	Not Answered	
256	The system allows each Agency to specify and toggle the types of transactions that are recorded in the transaction log.	I	Not Answered	
Alias names for CAD functions				
257	The system supports the creation of alias names for CAD commands.	I	Not Answered	
258	The command alias names are maintained by an Agency.	I	Not Answered	
259	When a CAD command is referenced in an inquiry or report, the search feature will select records that include the alias of the referenced CAD command as well.	I	Not Answered	
Command Line				
260	The system supports CAD function processing from a command line.	I	Not Answered	
261	Commands entered on the command line are stored and available for reuse.	I	Not Answered	
262	The operator may use the backspace, delete and arrow key functions to edit commands from the command line.	I	Not Answered	

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263	Command line processing supports positional command parameters.	I	Not Answered	
264	Command line processing supports parameter processing using field identifiers.	I	Not Answered	
265	The order of parameters on the command line are customizable by an Agency.	I	Not Answered	
266	Command parameters can be entered in any order. For instance, a command to update the status of unit 1A11 could be entered in as 1A11 EN or EN 1A11.	I	Not Answered	
267	The command line has "word wrap" capability.	I	Not Answered	
268	The system provides a guided command line entry experience that will prompt the operator for the next required parameter and command line typing progresses.	I	Not Answered	
269	The guided command line entry experience may be toggled on / off by the operator.	I	Not Answered	
270	The system allows multiple command lines to be active simultaneously.	I	Not Answered	
271	Command line entries do not disrupt operations in the work areas.	I	Not Answered	
Form field data entry				
272	The system supports function processing from a predefined data entry form.	I	Not Answered	
273	The system supports operations from multiple work areas.	I	Not Answered	
274	The system supports operations from multiple work areas simultaneously.	I	Not Answered	
275	The functions processing in a work area do not impact function processing in other work areas.	I	Not Answered	
276	The operator can move from field to field using tab (to the right and down) and back-tab (to the left and up).	I	Not Answered	
277	The order of the fields of the form can be moved to align with an Agency SOP on caller interview procedure.	I	Not Answered	
278	The system supports pre-fill fields in appropriate pre-formatted screens.	I	Not Answered	
279	The order of the tab function movement from field to field can be defined by an Agency.	I	Not Answered	
280	The system allows the use of a function key to direct the focus of entry to the field determined by the function key (e.g., ALT L to direct the focus of entry to the Location field).	I	Not Answered	
281	Fields of the data entry form that are mandatory entry are clearly marked.	I	Not Answered	
282	The system has the ability to distinguish between system mandatory data entry fields and those fields required by Agency Standard Operating Procedures.	I	Not Answered	
283	The system allows an Agency to select fields for mandatory entry.	I	Not Answered	
284	The form cannot be processed until all mandatory fields are entered.	I	Not Answered	
285	The operator can enter data into any field, in any field order.	I	Not Answered	
286	The operator may enter an unlimited amount of comments to each event.	I	Not Answered	
287	The comment field accepts free form text using word wrap to handle comments that do not fit on a single line.	I	Not Answered	
288	All comments added to an event record are date / time stamped and with the operator's ID and workstation.	I	Not Answered	
289	The operator may use a hybrid of command line and form field entry data entry and their discretion.	I	Not Answered	
CAD to CAD interface				
290	The system supports CAD to CAD system interfaces.	I	Not Answered	
291	The CAD to CAD system interface is bi-directional.	I	Not Answered	
292	The CAD to CAD interface facilitates the transfer or receipt of incident data between the systems.	I	Not Answered	
293	The CAD to CAD interface supports a geodiverse regional CAD system.	I	Not Answered	
294	The vendor will provide the ability for future CAD to CAD interfaces.	I	Not Answered	
295	CAD to CAD transactions are logged.	I	Not Answered	
Messaging – General				
296	All messages are logged and available for review and inquiry.	I	Not Answered	
297	The messaging component is an internal component of the CAD system.	I	Not Answered	
The messaging component supports:				
298	● Creating free-form messages.	I	Not Answered	
299	● Displaying messages via a single command	I	Not Answered	
300	● Audible and visual signaling of received messages	I	Not Answered	
301	● Forward, reply to, and delete messages	I	Not Answered	
302	● Read reply	I	Not Answered	
303	● Priority messages	I	Not Answered	
304	The messaging component allows messages to be routed to any system printer.	I	Not Answered	
305	The system can differentiate between CAD system messages and messages returning from the message switch/NCIC.	I	Not Answered	
306	Messages can be added to an incident history.	I	Not Answered	
307	Messages can be generated from the command line	I	Not Answered	
308	Attachments can be added to messages.	I	Not Answered	
309	Messages are searchable and retrievable by any field.	I	Not Answered	
310	Messages can be sent and received from single workstation to all other workstations and mobile devices.	I	Not Answered	
311	The system is capable of sending automatic email event notifications using email lists based on Agency, location and event type.	I	Not Answered	
312	The system is capable of sending automatic text event notifications using lists based on Agency, location and event type.	I	Not Answered	
313	Messages can be sent and received by operator ID and console ID.	I	Not Answered	
314	The system is capable of sending SMS and MMS messages to 10-digit "Non-carrier specific" phone numbers from all CAD.	I	Not Answered	
315	The system is able to send a message to user definable social networking websites. This message will simultaneously be logged in the event history.	I	Not Answered	
316	The system allows an Agency to restrict the ability to send a message to a social networking website by Operator ID.	I	Not Answered	
317	The system supports the creation of groups for messaging and status changes.	I	Not Answered	
318	Messages can be received by predefined groups (e.g., dispatchers, supervisors, CAD support, dispatcher workstations, mobile data devices).	I	Not Answered	
319	The operator can select the message group used in sending email / text messages related to event, unit and notification activity.	I	Not Answered	
320	The system supports the creation of dynamic messaging groups (i.e., when users sign on, the system shall determine what groups they are members of, based on rules that are managed by the system administrator).	I	Not Answered	
321	The system supports the ability to send recurring messages. Messages can be defined for sending a prescribed number of times per hour, day, week, or month.	I	Not Answered	
The system includes the following parameters with stored messages:				
322	● Sender (operator and workstation)	I	Not Answered	
323	● Intended receiver (operator and workstation)	I	Not Answered	
324	● Date / time sent	I	Not Answered	
325	● Date / time viewed	I	Not Answered	
326	Messages will be displayed in a separate area dedicated to messaging (e.g., separate window).	I	Not Answered	
327	Messages both sent and received will be displayed using the word wrap feature without word break.	I	Not Answered	
328	Receipt of messages will not interfere with CAD functions (e.g., calltaking, dispatching).	I	Not Answered	
329	Pop up messages do not cover the active work area.	I	Not Answered	
330	The operator will be notified of the receipt of a message with an audible (optional through system configuration) and visual alert.	I	Not Answered	
331	The message notification alert can be defined by an Agency.	I	Not Answered	
332	The system allows all unread messages associated with a workstation to be deleted using a single command. The deletion of the message does not remove the log entry.	I	Not Answered	
333	A message can be designated a "high priority" messages which will enable that message to be placed at the top of a message queue for a particular workstation.	I	Not Answered	

ATTACHMENT A - FUNCTIONAL SPECIFICATIONS

Spec ID	Specification Description	Priority	Response	Additional Comments
334	The system supports a central Address Book for storing contacts, businesses and numbers to be used to address messages and look up information.	I	Not Answered	
335	Entries are automatically added to the address book for access to emergency contacts and numbers.	I	Not Answered	
336	The system can create multiple address books.	I	Not Answered	
337	The system is capable of restricting edit and access to the address book features based on security associated with the Operator ID.	I	Not Answered	
338	The system supports the creation of custom fields for address book entries.	I	Not Answered	
339	The system supports searching address books from a form and command line.	I	Not Answered	
340	The system supports key word searching for address book entries.	I	Not Answered	
341	The system supports attaching documents and hyperlinks to address book entries.	I	Not Answered	
Messaging - CAD				
342	Messages can be sent and received between CAD PSAP workstations.	I	Not Answered	
343	Messages can be sent between a CAD PSAP workstation and a group of workstations (e.g., Calltakers, Dispatchers).	I	Not Answered	
344	Messages can be sent and received between a CAD PSAP workstation and remote workstations.	I	Not Answered	
345	Messages can be sent and received between a CAD PSAP workstation and Web based workstations.	I	Not Answered	
346	Messages can be sent and received between a CAD PSAP workstation and mobile device.	I	Not Answered	
347	Messages can be sent and received between specific CAD PSAP workstation and a specific mobile device.	I	Not Answered	
348	Messages can be sent and received between a CAD PSAP workstation and an mobile device.	I	Not Answered	
349	The system provides a method of messaging between mobile devices with the characteristics of Instant Messaging.	I	Not Answered	
Messaging - System				
350	System messages originate from the application as the result of a system function or notification of an error message.	I	Not Answered	
351	System messages are in plain English.	I	Not Answered	
352	System messages can be directed to a specific operator or workstation group (e.g., Calltakers, Dispatchers)	I	Not Answered	
353	System messages can be automatically directed to a workstation group depending on function or event location.	I	Not Answered	
354	System messages can be classified by an Agency as urgent or normal.	I	Not Answered	
355	System messages classified as normal system messages do not interrupt operator operations.	I	Not Answered	
356	System messages classified as normal system messages may require acknowledgement from operator as defined by an Agency.	I	Not Answered	
357	System messages classified as urgent require acknowledgement from the operator before continuing operations (e.g., officer in need of assistance) as defined by an Agency.	I	Not Answered	
358	System messages or notifications can be sent to system administrators using email and SMS, as determined by an Agency.	I	Not Answered	
359	The system is able to create messages that may be delivered upon logon.	I	Not Answered	
360	The system is able to create and maintain automatic reminders of scheduled activities.	I	Not Answered	
361	• Daily	I	Not Answered	
362	• Weekly	I	Not Answered	
363	• Monthly	I	Not Answered	
364	• Annually	I	Not Answered	
365	• Multiple activities or reminder per time slot	I	Not Answered	
Personnel data record				
366	The system stores and tracks user, operational and field personnel associated with the CAD system.	I	Not Answered	
367	The system will associate CAD system access and operational security rights with the personnel record.	I	Not Answered	
At a minimum, the following data will be associated with the personnel record:				
368	• County Employee ID (minimum 6 characters)	I	Not Answered	
369	• S-number (minimum 6 characters)	I	Not Answered	
370	• Unit ID (the Unit ID is directly associated with the County Employee ID)	I	Not Answered	
371	• Home Address	I	Not Answered	
372	• Telephone number	I	Not Answered	
373	• Emergency Contact information	I	Not Answered	
374	• Standard assignment	I	Not Answered	
375	• Special skills	I	Not Answered	
376	• CAD functional security information (e.g., password history, allowed functions, allowed module access).	I	Not Answered	
377	• Medical condition (Y/N)	I	Not Answered	
378	• Blood type (authorized only viewing)	I	Not Answered	
379	The personnel data records are searchable from all CAD workstations (e.g., rolodex).	I	Not Answered	
380	The ability to create a one-way interface with the County's Personnel Tracking and Payroll system for a pull of selected personnel data from the Personnel and Tracking system to the CAD personnel table.	I	Not Answered	
Premises - Display of premises hazards, alerts and history				
381	On location validation, the system automatically checks for premises history, hazards and alerts.	I	Not Answered	
382	• Based on an exact match of the location.	I	Not Answered	
383	• Based on the type of premises data.	I	Not Answered	
384	• Based on the distance parameter established by an Agency between the location of the event and the location of the premises data. For example, a 1000-foot search for police premise, a 500-foot search for inoperable hydrants, a 1500-foot search for street closures.	I	Not Answered	
When information is associated with a displayed location, the system will:				
385	• Create an audible (optional using system configuration) and visual alert to the operator, as defined by an Agency. A pop up message is acceptable as long as it does not get in the way of dispatching functions. A notification at the bottom of the screen is not acceptable.	I	Not Answered	
386	• Mark the message as urgent when the premises information contains a key word or phrase established by an Agency (e.g., gun, knife, fights with police).	I	Not Answered	
387	• When an urgent message is associated with an event record, the message will display with the CAD event is viewed.	I	Not Answered	
388	• Visually differentiate the premises notification between "in the area of" match and an exact location match	I	Not Answered	
389	• Make the premises information available to the mobile device, if implemented.	I	Not Answered	
390	• Display the premises information in a separate work area	I	Not Answered	
Premises information can be displayed with:				
391	• Civic address	I	Not Answered	
392	• Intersection	I	Not Answered	
393	• Apartment complex	I	Not Answered	
394	• Building number	I	Not Answered	
395	• Individual apartments	I	Not Answered	
396	• Common name	I	Not Answered	
397	• Agency defined radius from the specified location	I	Not Answered	
398	• Map polygon	I	Not Answered	
399	• Street segment	I	Not Answered	
400	• Contact name	I	Not Answered	
401	• Contact telephone number	I	Not Answered	
Premises information displayed				
• For history associated with the location:				
402	• Event number	I	Not Answered	
403	• Event type code	I	Not Answered	

ATTACHMENT A - FUNCTIONAL SPECIFICATIONS

Spec ID	Specification Description	Priority	Response	Additional Comments
404	• Date / time of event	I	Not Answered	
405	• Location (when displayed with radius)	I	Not Answered	
406	• Hyperlink to event record	I	Not Answered	
	• For Alerts and Hazards associated with the location:			
407	• Date / time of entry	I	Not Answered	
408	• ID of person authorizing the alert entry	I	Not Answered	
409	• Message	I	Not Answered	
410	• Expiration date / time	I	Not Answered	
411	• File attachment	I	Not Answered	
412	The system will record in the event record when an operator views the premise data.	I	Not Answered	
413	When authorized, the system permits outside access to update and maintain the premises information data by businesses	I	Not Answered	
414	An Agency can determine the time frame of how far back the system will search for premises history, by device (a portable device time frame can be different than the timeframe of workstations).	I	Not Answered	
	Premises - Storage of premises hazards, alerts and history			
	Premises information will be associated with:			
415	• Civic address	I	Not Answered	
416	• Intersection	I	Not Answered	
417	• Apartment complex	I	Not Answered	
418	• Building number	I	Not Answered	
419	• Individual apartments	I	Not Answered	
420	• Common name	I	Not Answered	
421	• Contact name	I	Not Answered	
422	• Contact telephone number	I	Not Answered	
423	• Map polygon (e.g., neighborhood, response area)	I	Not Answered	
424	Premises hazards and alert information can be maintained by an Agency.	I	Not Answered	
425	Premises hazards and alert information can be restricted to display by agency or for all agencies.	I	Not Answered	
426	The creation of Premises records is by authorized users only.	I	Not Answered	
427	The system is able to capture and maintain premises information in user defined categories or types.	I	Not Answered	
428	The system is able to define criteria for automatic premises information purges.	I	Not Answered	
429	The system is able to activate or deactivate the automatic premises purge feature.	I	Not Answered	
430	The system is able to define valid date ranges for time limited premises information at a given location (e.g., information valid between <start date> and <end date>).	I	Not Answered	
	The following maintenance functions can be utilized with stored hazards and alerts			
431	• Add	I	Not Answered	
432	• Modify	I	Not Answered	
433	• Delete	I	Not Answered	
	Information will include:			
434	• Hazard, alert, history narrative	I	Not Answered	
435	• Links to attached files (e.g., photographs, hazard substance lists)	I	Not Answered	
436	• Location	I	Not Answered	
437	• ID of person authorizing the information	I	Not Answered	
438	• Date and time when entered	I	Not Answered	
439	• Expiration date and time	I	Not Answered	
440	• Date and time range of a time limited premises information	I	Not Answered	
441	The system will send a notification message to designated system accounts when a hazard or alert is about to expire. An Agency can define the time frame for the notification message.	I	Not Answered	
442	Premises history is automatically created and associated with a location on event entry with a verified location.	I	Not Answered	
443	The premises history record is available for viewing by the operator on location verification.	I	Not Answered	
	At a minimum, the following data is included with premises history:			
444	• Incident number	I	Not Answered	
445	• Event type code	I	Not Answered	
446	• Caller name and contact information	I	Not Answered	
447	• Date and time	I	Not Answered	
448	• Disposition	I	Not Answered	
449	• Hyperlink to the full event description	I	Not Answered	
	Roll Call / Roster			
450	The system allows multiple active roll calls to be established in advance by an authorized operator.	I	Not Answered	
451	Each roll call can be independently maintained and approved.	I	Not Answered	
452	Each roll call can be uniquely identified for storage and retrieval.	I	Not Answered	
453	The roll call allows a single unit / officer item to be specified per roll call entry.	I	Not Answered	
454	The roll call allows multiple units (with associated officers) per roll call entry.	I	Not Answered	
455	The roll call allows up to 4 officers to be specified by unit.	I	Not Answered	
456	A roll call can be specific to a dispatching group (e.g., precinct) or County-wide (e.g., special task force).	I	Not Answered	
457	The system provides the capability to create shift schedules, including the following data:	I	Not Answered	
458	• Roll call designator	I	Not Answered	
459	• Unit ID	I	Not Answered	
460	• Officer ID (one or more officers per unit, up to 4 per unit)	I	Not Answered	
461	• Response area	I	Not Answered	
462	• Vehicle ID	I	Not Answered	
463	• Radio ID	I	Not Answered	
464	• Date and time scheduled for on-duty	I	Not Answered	
465	• Date and time scheduled for off-duty	I	Not Answered	
466	• Shift designator	I	Not Answered	
467	• Special equipment or response capabilities (e.g., shotgun, pro2, MAV, sponge gun, bean bag)	I	Not Answered	
468	The system provides the capability to schedule shift/roster information up to 12 months in advance.	I	Not Answered	
469	The system provides the capability to upload shift/roster information to CAD based on scheduled shift start time.	I	Not Answered	
470	The system provides the capability to modify shift/roster information up to scheduled shift start time.	I	Not Answered	
471	The system provides the capability to automatically (without operator intervention) notify responsible dispatcher of a new shift ready to be logged-on.	I	Not Answered	
472	The system provides the capability to pre-program and override shift change information (e.g., hours of shift).	I	Not Answered	
473	The roll call specific to a dispatching group can be put in service by the operator responsible for that dispatching group, or a supervisor.	I	Not Answered	
474	The units associated with a roll call specific to a dispatching group can be placed out of service by the operator responsible for that dispatching group, or a supervisor.	I	Not Answered	
475	An authorized operator may change the standing version of the roll call.	I	Not Answered	
476	The standing version of the roll call will remain in effect until changed by the authorized user.	I	Not Answered	
477	The roll call may be temporarily updated as required for each shift prior to submission.	I	Not Answered	
478	The temporary update of the roll call changes the assignments for only that submission.	I	Not Answered	
479	During the shift, changes can be made to the roll call / roster without affecting the master record.	I	Not Answered	
480	Roll call updates can be submitted by an authorized user from a remote workstation.	I	Not Answered	
	Workstations			
481	CAD workstations are controlled by a single processing unit.	I	Not Answered	

ATTACHMENT A - FUNCTIONAL SPECIFICATIONS

Spec ID	Specification Description	Priority	Response	Additional Comments
482	The functions of the workstation (e.g., event processing, mapping) can be controlled with a single set of keyboard and mouse.	I	Not Answered	
483	The CAD workstation can be configured with multiple digital display monitors, up to 5. The vendor will include the video card with the procurement.	I	Not Answered	
484	The system supports the monitors being positioned in either landscape or portrait orientation.	I	Not Answered	
485	The system supports high resolution display.	I	Not Answered	
486	CAD mapping component runs on the same workstation as the CAD application client software.	I	Not Answered	
487	The CAD workstation monitors allow the operator to move between the displays via keystrokes or utilize the mouse.	I	Not Answered	
488	The CAD workstation monitors allow the operator to view more incidents or vehicles than will fit on a single window using a scroll bar.	I	Not Answered	
	The functions can be separated as follows:			
489	• Map display	I	Not Answered	
490	• Status windows (e.g., pending event, active events, unit status).	I	Not Answered	
491	• Interactive event information display and data entry.	I	Not Answered	
492	The functionality of the workstation is reconfigurable by an Agency System Administrator, as needed.	I	Not Answered	
493	Changing the default workstation configuration is restricted to an Agency System Administrator.	I	Not Answered	
494	Workstations can be rebooted without affecting the system or other workstations.	I	Not Answered	
495	A workstation can be configured as a single function workstation (e.g., calltaker).	I	Not Answered	
496	A workstation can be configured for multiple functions (e.g., calltaker and dispatcher).	I	Not Answered	
497	While working as a combined function workstation, the operator is not required to change workstation function when alternating between calltaker and dispatcher operations (e.g., calltaker and dispatcher entry forms, status windows, functions).	I	Not Answered	
498	A workstation can be configured with a limited span of control (e.g., control events and units for a single precinct).	I	Not Answered	
499	A workstation can be configured without a limitation (e.g., County-wide responsibility).	I	Not Answered	
500	Workstations can be configured with overlapping event responsibility.	I	Not Answered	
501	Workstations can be configured with overlapping unit responsibility.	I	Not Answered	
502	The system allows a workstation configuration to be associated with an operator profile and saved. When the operator successfully logs in to a workstation, the saved configuration will be implemented, as appropriate.	I	Not Answered	
503	Status monitors associated with a workstation will display event and units within the established workstation span of control.	I	Not Answered	
504	A workstation span of control can be changed without an application restart or disruption to other operators.	I	Not Answered	
505	At least one workstation must be logged in to the application as long as the application is active.	I	Not Answered	
	Workstation groups			
506	The system is capable of defining groups of workstations to enable effective communications. For example, messages may be sent all dispatchers using a single command.	I	Not Answered	
507	Workstation groups can be predefined or created as needed.	I	Not Answered	
	Workstation groups can be comprised of the following types:			
508	• CAD PSAP workstations	I	Not Answered	
509	• Call taker	I	Not Answered	
510	• Dispatcher	I	Not Answered	
511	• Supervisor	I	Not Answered	
512	• NCIC inquiry (information station)	I	Not Answered	
513	• Administrative	I	Not Answered	
514	• Mobile Data devices	I	Not Answered	
515	• Remote workstations	I	Not Answered	
516	• Mixture of types.	I	Not Answered	
	Event entry (Call Taker)			
517	The system automatically transfers call and caller information, when available, from the CPE.	I	Not Answered	
518	The system is capable of receiving call information and initiate incidents from regular 7- or 10-digit lines.	I	Not Answered	
519	The interface from CAD to the CPE is compliant with the most recently approved NENA i3 standards document (e.g., NENA Technical Standards Document 08-004, Detailed Functional and Interface Standards for the NENA i3 Solution).	I	Not Answered	
520	The system accepts and processes and saves alternative media data (e.g., video, text, audio) as data with which to process an event.	I	Not Answered	
521	The system will accept and process text calls for service.	I	Not Answered	
522	Events created from text data are marked as such.	I	Not Answered	
523	The dialog from the text call is incorporated into the event record.	I	Not Answered	
524	The X/Y coordinate from the text call is incorporated into the event record.		Not Answered	
525	The system will transfer Wireless Phase I and Phase II data to the CAD entry form.	I	Not Answered	
526	Rebids of wireless caller location can be initiated by the operator without creating a new CAD event.	I	Not Answered	
527	Location changes as a result of rebids will update the CAD map.	I	Not Answered	
528	The system will provide a visual and audible (optional using system configuration) notification when a 911 call has been sent to the workstation for processing.	I	Not Answered	
529	The system will store all location changes resulting from wireless rebids with the event record.	I	Not Answered	
530	Rebid of wireless caller location will update the CAD event location.	I	Not Answered	
531	Rebid of wireless caller location will not require the creation of a new CAD incident.	I	Not Answered	
532	Location verification will be performed on the return of the rebid.	I	Not Answered	
533	The system will transfer location data to the CAD map.	I	Not Answered	
534	The system will auto-fill appropriate event entry form fields from the CPE / 911 data.	I	Not Answered	
535	The system will display the X/Y coordinates of the wireless call when available.	I	Not Answered	
536	The system automatically detects and assigns the appropriate source of the call and includes the following instances:	I	Not Answered	
537	• 911 call	I	Not Answered	
538	• Field initiated incident	I	Not Answered	
539	• MDT initiated incident	I	Not Answered	
540	• Text based call	I	Not Answered	
541	• Alarm interface	I	Not Answered	
542	Default value if none of the above is detected assigned as a non-emergency phone request	I	Not Answered	
543	The system supports the creation and assignment of user defined sources of the call.	I	Not Answered	
544	The system is capable of maintaining a list of Alarm Companies for use as a drop down list for selection during event entry and inclusion in the event record.	I	Not Answered	
545	Labels on the event entry form are customizable by an Agency.	I	Not Answered	
546	Field order of entry is customizable.	I	Not Answered	
547	Required fields on all data entry forms are clearly identified by color and symbol (e.g., a mandatory field will have a red field outline with an asterisk beside the field).	I	Not Answered	
548	Fields on form are customizable.	I	Not Answered	
549	Multiple operators can add data to the same event at the same time.	I	Not Answered	

ATTACHMENT A - FUNCTIONAL SPECIFICATIONS

Spec ID	Specification Description	Priority	Response	Additional Comments
550	When multiple operators are adding data to the same event, the system will append the data from the multiple operators instead of overwriting the data.	I	Not Answered	
551	Events may be created that require the response of more than one discipline.	I	Not Answered	
552	Events may be created that require the response of more than one jurisdiction.	I	Not Answered	
553	The operator can associate events together through operator function.	I	Not Answered	
554	Events may be associated automatically by the system, based on incident type or location.	I	Not Answered	
555	The associated events can be accessed via hyperlink from the event display.	I	Not Answered	
556	Associated events will be clearly denoted to indicate that there are other agencies responding. For example, when a Fire incident is displayed, if there is an associated Police or EMS incident, the corresponding incident number shall be displayed.	I	Not Answered	
557	Associated events may be disassociated by the operator by use of a command.	I	Not Answered	
558	The system will notify associated incidents when updates are made to any other associated incident.	I	Not Answered	
559	An event may selected to be displayed or updated by referencing the fewest number of significant digits of the event number.	I	Not Answered	
560	An event may selected to be displayed or updated by referencing the unit ID of any unit assigned to the event.	I	Not Answered	
561	An event may be selected for display or update from the command line or form.	I	Not Answered	
562	The system supports the ability to attach files to an event from the CAD workstation.	I	Not Answered	
563	The system supports the ability to attach files to an event from the mobile client.	I	Not Answered	
564	The ability to attach files to an event from the mobile client is controlled by an Agency System Administrator.	I	Not Answered	
565	Attachments to events are can be viewed from the event display form.	I	Not Answered	
566	The system will provide an indicator in the event form if the event record included attached files.	I	Not Answered	
567	An operator is able to designate an event as a "hot call" which is classified as an urgent call.	I	Not Answered	
	An event designated as a "hot call" will:			
568	<ul style="list-style-type: none"> Notify all dispatcher workstations 	I	Not Answered	
569	<ul style="list-style-type: none"> Require all dispatch workstations receiving the "hot call" to acknowledge the receipt of the call (e.g., press a function key) 	I	Not Answered	
570	<ul style="list-style-type: none"> Record each acknowledgement in the event record with the operator ID and workstation ID 	I	Not Answered	
571	<ul style="list-style-type: none"> Create a "BOLO like" notification sent to all dispatch workstations for radio broadcast, which is stamped with the operator ID and workstation ID when broadcast 	I	Not Answered	
572	An operator is able to designate an event as a "high priority" event.	I	Not Answered	
573	All high priority events entered into the system will generate an agency-defined notification to designated workstation/persons/groups as assigned by the System Administrator or supervisor. For example, on a homicide, the Chief of Police, and PIO are notified.	I	Not Answered	
574	An unlimited number of "high priority" notifications are allowed for any event type as determined by the System Administrator.	I	Not Answered	
575	"High priority" notifications can be triggered by Event type, location, and specific addresses, etc.	I	Not Answered	
576	The individuals/groups notified of a "high priority" event receive an alert at their MDC/Workstation if they are logged on to CAD.	I	Not Answered	
577	The system will send "high priority" event notifications to any wireless communication device (e.g. SMTP, MAPI, SMS).	I	Not Answered	
578	Personnel receiving "high priority" event notifications via CAD messaging who acknowledge the message will have the acknowledgment captured with the event history.	I	Not Answered	
579	An Agency can designate who has the capability to send high priority notifications.	I	Not Answered	
580	An event can be forwarded from the calltaker to the dispatcher requiring only location (either valid location or manually entered precinct) and the event type of the call.	I	Not Answered	
581	An operator may continue to enter or update information of the event after the event has been transferred to the dispatcher.	I	Not Answered	
582	The operator does not have to take action to receive the updated information for the event (dynamic updates).	I	Not Answered	
583	When an event in the pending queue is updated, the responsible dispatcher will receive an audible (optional through system configuration) and visual notification.	I	Not Answered	
584	An operator is able to designate an event as a "details to follow" event. The system allows the operator to route the event to a dispatcher with the minimum required fields and invoke a system-definable indicator to the dispatcher that there is more information to follow.	I	Not Answered	
585	The system allows the "details to follow" notification to remain active until all responsible operators have acknowledged the viewing of the details.	I	Not Answered	
586	After this action is invoked, the event entry remain active with all information entered. The call taker is able to continue entering additional information into their original event entry screen.	I	Not Answered	
587	The system is capable of requiring an acknowledgment of details to follow. The time and ID of the operator acknowledging the update is tracked as part of the event record.	I	Not Answered	
588	The system allows the system administrator to define the users, workstations and/or dispatch groups that receive the details to follow	I	Not Answered	
589	The system allows the operator to link events to each other.	I	Not Answered	
	Event data elements			
	Event data record will be comprised of the following minimum data fields:			
590	<ul style="list-style-type: none"> Unique event number 	I	Not Answered	
591	<ul style="list-style-type: none"> Event location and all location changes 	I	Not Answered	
592	<ul style="list-style-type: none"> X / Y coordinates 	I	Not Answered	
593	<ul style="list-style-type: none"> Proximity indicator (e.g., "in front of", "in area of") 	I	Not Answered	
594	<ul style="list-style-type: none"> Response area information (e.g., reporting area, zone) 	I	Not Answered	
595	<ul style="list-style-type: none"> Event type code (initial, all changes, final) 	I	Not Answered	
596	<ul style="list-style-type: none"> Event sub-type code (initial, all changes, final) 	I	Not Answered	
597	<ul style="list-style-type: none"> Priority (initial, all changes, final) 	I	Not Answered	
598	<ul style="list-style-type: none"> Caller name, location, contact information 	I	Not Answered	
599	<ul style="list-style-type: none"> Alarm company 	I	Not Answered	
600	<ul style="list-style-type: none"> No callback checkbox 	I	Not Answered	
601	<ul style="list-style-type: none"> Fire / Ambulance notified checkbox 	I	Not Answered	
602	<ul style="list-style-type: none"> Source of the call 	I	Not Answered	
603	<ul style="list-style-type: none"> Alternate call back number 	I	Not Answered	
604	<ul style="list-style-type: none"> Event status times 	I	Not Answered	
605	<ul style="list-style-type: none"> Call received at PSAP from call spill data 	I	Not Answered	
606	<ul style="list-style-type: none"> Call received at Calltaker workstation 	I	Not Answered	
607	<ul style="list-style-type: none"> Event received at the dispatch workstation 	I	Not Answered	
608	<ul style="list-style-type: none"> First unit dispatched 	I	Not Answered	
609	<ul style="list-style-type: none"> First unit arrived 	I	Not Answered	
610	<ul style="list-style-type: none"> Last unit cleared 	I	Not Answered	
611	<ul style="list-style-type: none"> Event Closed 	I	Not Answered	
612	<ul style="list-style-type: none"> Initial unit system recommendations (both pre-defined and AVL) 	I	Not Answered	
613	<ul style="list-style-type: none"> Actual unit system recommendations 	I	Not Answered	
614	<ul style="list-style-type: none"> Primary unit 	I	Not Answered	
615	<ul style="list-style-type: none"> Remarks 	I	Not Answered	
616	<ul style="list-style-type: none"> Links to premises history, alerts and hazards 	I	Not Answered	
617	<ul style="list-style-type: none"> Links to operator attached files 	I	Not Answered	
618	<ul style="list-style-type: none"> Associated event number(s) 	I	Not Answered	

ATTACHMENT A - FUNCTIONAL SPECIFICATIONS

Spec ID	Specification Description	Priority	Response	Additional Comments
619	<ul style="list-style-type: none"> ● Link to associated event(s) 	I	Not Answered	
620	<ul style="list-style-type: none"> ● Operator IDs (initial, all updates and changes, close) 	I	Not Answered	
621	<ul style="list-style-type: none"> ● Workstation ID (initial, all updates and changes, close) 	I	Not Answered	
Event cloning				
622	The system provides the ability to clone incidents. Incident cloning allows for the creation of cloned (or linked) incidents after a parent incident has been created.	I	Not Answered	
623	Event cloning may be initiated from the command line or from a form.	I	Not Answered	
624	The system allows the operator to clone events with a pending, new, active, or closed status.	I	Not Answered	
625	Cloned incidents maintain the current date and time as well as the date and time of the original incident, for the purposes of reporting incident response time data.	I	Not Answered	
626	The system allows the operator to route the event to any designate agency and the geographic area that will receive the incident during the cloning process.	I	Not Answered	
627	Each cloned incident shall have its own incident number.	I	Not Answered	
628	Events may be created that require the response of more than one discipline.	I	Not Answered	
Event record numbering				
629	The system automatically generates sequential record identifiers for the following:	I	Not Answered	
630	<ul style="list-style-type: none"> ● Event numbers 	I	Not Answered	
631	<ul style="list-style-type: none"> ● The system will automatically assign a unique event number for each created event based on individual agency needs. No duplicates allowed. 	I	Not Answered	
632	<ul style="list-style-type: none"> ● The system will automatically assign a unique event number per discipline for each created event. No duplicates. 	I	Not Answered	
633	<ul style="list-style-type: none"> ● The system will automatically assign a unique event number per jurisdiction for each created event. No duplicates. 	I	Not Answered	
634	<ul style="list-style-type: none"> ● An event number is assigned to each event entered into the system. 	I	Not Answered	
635	<ul style="list-style-type: none"> ● Event numbers are at least 10 alphanumeric characters 	I	Not Answered	
636	<ul style="list-style-type: none"> ● Event numbers can have leading alpha characters, with digits following 	I	Not Answered	
637	<ul style="list-style-type: none"> ● Event numbers can support Julian Date in the format. 	I	Not Answered	
638	<ul style="list-style-type: none"> ● Event numbers are system generated. 	I	Not Answered	
639	<ul style="list-style-type: none"> ● Case numbers 	I	Not Answered	
640	<ul style="list-style-type: none"> ● The system can assign a unique case number per agency for each event at the discretion of the operator or when determined by policy established by an Agency. No duplicates allowed. 	I	Not Answered	
641	<ul style="list-style-type: none"> ● The system allows multiple case numbers to be assigned to a single incident per agency. 	I	Not Answered	
642	<ul style="list-style-type: none"> ● Case numbers will be referenced back to the incident event number. 	I	Not Answered	
643	<ul style="list-style-type: none"> ● Case numbers are system generated. 	I	Not Answered	
644	<ul style="list-style-type: none"> ● Case numbers are agency based. 	I	Not Answered	
645	The event and case number format can be defined by an Agency.	I	Not Answered	
646	The event number will automatically reset annually.	I	Not Answered	
647	Each Agency may define the fiscal reset date for the event number.	I	Not Answered	
648	The system allows each Agency to determine if agency event numbers are automatically reset daily, monthly, or yearly.	I	Not Answered	
649	The each Agency can adjust the event number manually.	I	Not Answered	
Priority				
650	The system supports pre-defined priorities associated with event types codes.	I	Not Answered	
651	The system provides a minimum of five priority levels (numbered 1 through 5) for the purpose of assigning priority levels to incident types.	I	Not Answered	
652	The priority of an event is automatically assigned by the system according to the event type and location of the event from a pre-defined list of priorities	I	Not Answered	
653	After the priority is assigned, it can be manually overridden by the operator.	I	Not Answered	
654	The system will track and capture as a component of the event record if the priority was overridden by the operator.	I	Not Answered	
655	The priority of an event, when listed on a status monitor, will be distinguished by color and by priority level.	I	Not Answered	
656	The color representing each priority can be determined and maintained by an Agency.	I	Not Answered	
657	The priority of an event, when listed on a status monitor, can be distinguished by symbol and by priority level.	I	Not Answered	
658	The symbol representing each priority can be determined and maintained by an Agency.	I	Not Answered	
659	The priority of an event may be changed at any time during an active event.	I	Not Answered	
660	When an event type is updated, the priority with be updated as well, if needed.	I	Not Answered	
Suspension of event entry				
661	The system permits the suspension of data entry into a form to initiate a new event entry form.	I	Not Answered	
662	The system permits the suspension of data entry of a form to perform other system functions (e.g., dispatching, unit status update).	I	Not Answered	
663	When suspended, the data already entered in the form will be saved for future processing.	I	Not Answered	
664	The system can return to the partially entered form for completion.	I	Not Answered	
665	Entry of data into a form may be cancelled and the data discarded at the discretion of the operator.	I	Not Answered	
666	The system will notify the operator when a form has been opened beyond a Agency determined length of time.	I	Not Answered	
Scheduled event				
667	The system allows an event to be scheduled for a later time.	I	Not Answered	
668	<ul style="list-style-type: none"> ● Scheduled by date / time 	I	Not Answered	
669	<ul style="list-style-type: none"> ● Scheduled by Unit ID 	I	Not Answered	
670	<ul style="list-style-type: none"> ● Scheduled by event number 	I	Not Answered	
671	The system allows a unit to be automatically assigned to a scheduled event.	I	Not Answered	
672	The system allows for a unit to be manually assigned to a scheduled event.	I	Not Answered	
673	If a unit is automatically assigned to a scheduled event, the system requires an acknowledgement from the unit to acknowledge the new status.	I	Not Answered	
674	The system allows scheduled events to occur on a recurring basis.	I	Not Answered	
675	Responses to the Priority Dispatch program should be captured in the comments or audit trail of the event.	I	Not Answered	
Event closure				
676	An event can be closed by the operator.	I	Not Answered	
677	All units must be clear of an event before an event can be closed.	I	Not Answered	
678	All units can be cleared from an event and the event closed with a single command.	I	Not Answered	
679	When the final unit is cleared from the event, the event is closed.	I	Not Answered	
680	An event can be closed before having a unit assigned. The event record will require an appropriate disposition code.	I	Not Answered	
681	The system allows an "incident close" command. The incident close command closes out the incident with a single disposition, regardless of how many units were on the assignment.	I	Not Answered	
682	The system shall automatically generate and transmit via FAX an event summary to units and/or stations involved in the event. The event summary is configurable by agency.	I	Not Answered	
683	Remarks can be added to a closed event.	I	Not Answered	
684	A closed event can be reopened.	I	Not Answered	
685	Any changes made to the event while reopened will appear in the event record.	I	Not Answered	
686	When an event is reopened, the existing data record is not affected. For example, time codes remain intact.	I	Not Answered	
687	The reopened event will be returned to the pending list and will have an indicator showing it is a reopened event.	I	Not Answered	
688	Prior to closing a reopened event, the system requires the operator to validate or provide a disposition if necessary.	I	Not Answered	

ATTACHMENT A - FUNCTIONAL SPECIFICATIONS

Spec ID	Specification Description	Priority	Response	Additional Comments
	Advise only event entry			
689	The system permits the entry of an event without forwarding to a dispatch pending queue.	I	Not Answered	
690	The event will be assigned an event number but will require no resources to be assigned.	I	Not Answered	
691	The advise only event will be recorded as advise only.	I	Not Answered	
	Catch up mode			
692	The system provides a method for an Agency to enter event data into CAD that was manually recorded while the CAD system was not operational (catch-up mode).	I	Not Answered	
693	The system will indicate in the event record when event data is entered in catch-up mode.	I	Not Answered	
694	Unit status and times may be recorded with an event that is being entered in catch-up mode.	I	Not Answered	
695	The system allows an Agency to reserve a block of event numbers for use with entering event records in catch-up mode.	I	Not Answered	
696	The system allows an Agency to reserve a block of case numbers for use with entering event records in catch-up mode.	I	Not Answered	
697	The event record number is automatically assigned to the catch-up event from a pool of unassigned numbers set aside for this purpose.	I	Not Answered	
698	Records entered in catch-up mode are flagged as such.	I	Not Answered	
	Location validation			
699	The system utilizes the progressive filtering of the possible street names on entry of the characters in the street name field beginning with the first character entered.	I	Not Answered	
700	The system can verify a location by a street address using an abbreviated process. For example, entering "100 S" would display all streets that have a 100 block and that start with "S".	I	Not Answered	
701	The system can verify a location by a common place using an abbreviated process. For example, entering "L" would display all common places that start with "L".	I	Not Answered	
702	The system can verify a location by an intersection using an abbreviated process. For example, entering "L/S" would display all streets that start with "L" that intersect with a street that starts with "S".	I	Not Answered	
703	The system has the ability to accept a valid street name and, as a result, present a list of cross streets and associated address ranges.	I	Not Answered	
704	Addition of the address number adds to the filter for location validation, further focusing the search.	I	Not Answered	
705	The results of the progressive filtering process is displayed as a drop down list.	I	Not Answered	
706	The system is able to provide a list of possible matches to a misspelled location.	I	Not Answered	
707	The system generates a list of possibilities to pick from if an exact match is not found during location validation.	I	Not Answered	
708	The operator can pick a possibility from the list to continue the location validation process or continue entry of the location manually.	I	Not Answered	
709	The system is able to preview detail of possible location matches by displaying cross streets, responder information and displaying the location points on the integrated map.	I	Not Answered	
710	The system will accurately process complex street names (e.g., East North Broadway Street).	I	Not Answered	
711	The system will accurately process street numbers with fractions (e.g., 32 1/2 E North Broadway St).	I	Not Answered	
712	The system will accurately process a location with an apartment number.	I	Not Answered	
713	The system will validate a location without creating an event.	I	Not Answered	
714	Can use a hot key to display an entry form.	I	Not Answered	
715	In this case, the system will process the location and return the recommendations without creating an event.	I	Not Answered	
716	If an event location is changed, the system will automatically initiate the location validation process.	I	Not Answered	
717	It is possible to bypass or override the automatic location validation process.	I	Not Answered	
718	The system allows the user to bypass an unverifiable location and select a valid location for purposes of jurisdictional assignment	I	Not Answered	
719	If the location is bypassed to another valid location, the system shall keep the unverified location as the Incident Location and note the location used for verification as a note in the Incident History	I	Not Answered	
720	When the event is processed with an overridden location, the event will be flagged for later reporting.	I	Not Answered	
721	A Soundex function is available when entering a location for validation.	I	Not Answered	
722	Upon location validation, the system will display location on the map.	I	Not Answered	
723	Upon location validation, the system will display the valid address with Common Place name, when applicable.	I	Not Answered	
	The system is able to display the following information regarding a valid location:			
724	• High and low cross streets	I	Not Answered	
725	• City	I	Not Answered	
726	• Neighborhood	I	Not Answered	
727	• Common place or business name	I	Not Answered	
728	• Response area	I	Not Answered	
729	• Map page	I	Not Answered	
730	• Premises warnings or hazards by exact address	I	Not Answered	
731	• Premises warnings or hazards within a configurable radius	I	Not Answered	
732	• Prior incidents at exact address within a configurable period of time	I	Not Answered	
	The following are valid verifiable locations:			
733	• Civic address	I	Not Answered	
734	• X/Y Coordinates	I	Not Answered	
735	• From 911 data	I	Not Answered	
736	• From map click	I	Not Answered	
737	• Direct entry	I	Not Answered	
738	• In the following formats:	I	Not Answered	
739	• Degrees, minutes, seconds	I	Not Answered	
740	• Degrees, decimal minutes	I	Not Answered	
741	• Decimal degrees	I	Not Answered	
742	• Military Grid Reference System (MGRS)	I	Not Answered	
743	• Intersection	I	Not Answered	
744	• Cell towers	I	Not Answered	
745	• Block	I	Not Answered	
746	• Common name	I	Not Answered	
747	• Apartment complex	I	Not Answered	
748	• Apartment building name or number	I	Not Answered	
749	• Mile markers	I	Not Answered	
750	• Point from the integrated map	I	Not Answered	
751	• Emergency call boxes	I	Not Answered	
752	• Interstate (limited access roadway)	I	Not Answered	
753	• Interstate exits	I	Not Answered	
	The following are valid elements of a locations eligible for location validation:			
754	• Directional prefix	I	Not Answered	
755	• Numeric address, including fraction and alpha characters (e.g., 32 1/2 or 32A)	I	Not Answered	
756	• Street Name	I	Not Answered	
757	• Alias street name	I	Not Answered	
758	• Street type	I	Not Answered	
759	• Directional suffix	I	Not Answered	
760	• Apartment number (separate field)	I	Not Answered	
761	• including 1/2 apartment numbers (e.g., 32 1/2)	I	Not Answered	
762	• alphanumeric (e.g., 2D)	I	Not Answered	

ATTACHMENT A - FUNCTIONAL SPECIFICATIONS

Spec ID	Specification Description	Priority	Response	Additional Comments
763	● Building ID (separate field)	I	Not Answered	
764	● Floor number (separate field)	I	Not Answered	
765	● Subdivision (separate field)	I	Not Answered	
766	● Neighborhood	I	Not Answered	
767	● Municipality	I	Not Answered	
768	● Mile marker	I	Not Answered	
769	Exit number	I	Not Answered	
770	The system can process an event without a validated location, which will then use a designated response area entered by the operator to route the event to the appropriate dispatch workstation.	I	Not Answered	
771	An event processed without a valid location is flagged.	I	Not Answered	
772	The system is capable of validating the location associated with a self initiated event (e.g. traffic stop).	I	Not Answered	
773	The system is able to generate a report of location overrides including all data, operator ID, date, time, and workstation ID.	I	Not Answered	
774	More than one operator at a time can update event data on the same event record.	I	Not Answered	
775	The system will record location changes resulting from wireless caller location and rebid results.	I	Not Answered	
776	The system is capable of accepting and processing location information in PPDF-LO format.	I	Not Answered	
777	The system meets applicable NENA NextGen 911 capabilities of accepting and processing location protocol (PPDF-LO) and various data (e.g., text, video, audio, X/Y coordinates) as presented to the CAD / 911 network interface	I	Not Answered	
Street name alias				
778	The system can associate an alias name for a street name (e.g., EP for Elvis Presley Blvd, Dr. Martin Luther King Drive for Linden).	I	Not Answered	
779	An alias name can associate with an Interstate e.g., (385 for Bill Morris Parkway).	I	Not Answered	
780	When validated with an alias street name, the system will display the civic address and not display the alias name.	I	Not Answered	
Common Place names				
781	The system can associate multiple common place names with a single address (e.g., shops at a shopping mall, structure known by several names).	I	Not Answered	
782	An event may be created using a validated common place name and event type.	I	Not Answered	
783	The system can associate multiple locations with a single common place name (e.g., multiple locations for a fast food chain within the County).	I	Not Answered	
784	When validated, the actual civic address will be displayed along with the Common Place name.	I	Not Answered	
Intersections				
785	The system can process intersection locations requiring an intersection to have only a single entry in the location table, if a location table (geofile) is used.	I	Not Answered	
786	The system will accurately process an intersection location without regard to the order of the streets stored in the datafile or order presented for validation.	I	Not Answered	
787	The system can automatically process intersection locations from GIS data files.	I	Not Answered	
788	When streets intersect more than once, the system will provide the operator with a list of intersections from which to choose the appropriate location.	I	Not Answered	
789	The system can process and can correctly recommend resources for an intersection location at which multiple political or precinct boundaries meet.	I	Not Answered	
Duplicate event detection				
790	The system will automatically check an entered event for possible match of existing events (active and closed) as duplicate events.	I	Not Answered	
791	● Based on an exact match of the location.	I	Not Answered	
792	● Based on the distance parameter established by an Agency between the location of the original event and the event being evaluated as a duplicate event.	I	Not Answered	
793	● Based on the event type of the events.	I	Not Answered	
794	● Closed events based on a time parameter established by an Agency (e.g., within 10 minutes of the closing of an event).	I	Not Answered	
795	The system will display a list of possible duplicate events when detected in a separate work area.	I	Not Answered	
796	The operator can select and view the full details of a possible duplicate event from the list.	I	Not Answered	
797	The operator can reject the supposition that events are duplicates and continue to enter the event as a unique event.	I	Not Answered	
When events are identified as duplicate events by the operator, the operator can:				
798	● Associate the event being entered and the already established event.	I	Not Answered	
799	● If the established event is still active, allow the operator to update the information in the established event.	I	Not Answered	
800	● The system will notify the dispatcher that additional information was added to the established event. Close the event being entered.	I	Not Answered	
801	● If the established event is closed, cross-reference the current event with the established event. Close the event being entered.	I	Not Answered	
802	● Cancel the event being entered.	I	Not Answered	
803	● If the event to be cancelled has been assigned an event number, the cancelled event is marked as a duplicate and cross-referenced to the active event that will be handled.	I	Not Answered	
Event type code				
804	The event type code of an event can be keyed in by the operator.	I	Not Answered	
805	The event type code must at least six characters in length.	I	Not Answered	
806	The system allows for an unlimited number of event types.	I	Not Answered	
807	The event type of an event may be selected from a drop down list.	I	Not Answered	
808	The event types are shared by the member agencies of the shared CAD system.	I	Not Answered	
809	The event type codes on the list are selected from the characters entered by the operator.	I	Not Answered	
810	The drop down list of the event type codes becoming more focused as more characters are added.	I	Not Answered	
811	Update of the event type code data table does not require the system to be restarted.	I	Not Answered	
812	A event type code description will be associated with the event type code.	I	Not Answered	
813	The event type code description will be displayed as part of the event entry and dispatch entry forms.	I	Not Answered	
814	The system may associate multiple alias codes for a event type code.	I	Not Answered	
815	The system may configure event type codes with sub event type codes the supplement, or further describe, the main event type codes.	I	Not Answered	
816	The system can distinguish between active ("person with a gun") and past ("seeing a person with a gun yesterday") and allow differing response priority.	I	Not Answered	
817	The alias event type codes will function as the parent event type code.	I	Not Answered	
818	The system permits the event type of an event to be updated at any time during the event.	I	Not Answered	
819	The system will track the changes in event type, record the ID of the operator that changed the event type and store the change in the event record.	I	Not Answered	
820	The change in event type will trigger unit recommendation.	I	Not Answered	
821	The system will display the updated unit recommendation.	I	Not Answered	
822	The system will not automatically alter the unit recommendation currently in effect.	I	Not Answered	
823	The operator may change the current unit recommendation that are in effect.	I	Not Answered	
824	The system will notify the operator with an audible and visual alert when the event type is changed for an event. Notification is configurable by Agency.	I	Not Answered	
825	The system will automatically send a message (either SMS and email) to selected personnel depending on event type.	I	Not Answered	
826	The system allows for the capability of adding optional remarks associated with the event type parameter.	I	Not Answered	
Remarks				

ATTACHMENT A - FUNCTIONAL SPECIFICATIONS

Spec ID	Specification Description	Priority	Response	Additional Comments
827	Remarks are entered as narrative text.	I	Not Answered	
828	The system will allow unlimited text to be entered in a remark line.	I	Not Answered	
829	Pressing the return key indicates end of remark line and the remark is then entered as an element of the event record.	I	Not Answered	
830	On the completion of a remark entry, the remark is stamped with date, time, operator ID, workstation ID.	I	Not Answered	
831	All remarks entered during event entry may be changed at any time prior to transmitting the event.	I	Not Answered	
832	Remarks for an event are displayed in a remarks area allowing the operator to navigate all remarks in the remarks area using arrow keys.	I	Not Answered	
833	Remarks are associated with event.	I	Not Answered	
834	Remarks are viewed in chronological order of entry.	I	Not Answered	
835	Multiple remark lines can be entered with each event.	I	Not Answered	
836	Multiple lines of text may be copied into the remarks area with a single operation.	I	Not Answered	
837	Items can be copied into the event remarks area of the event record from other components of the system (e.g., data from and email may be copied and pasted into an event remarks area).	I	Not Answered	
838	Any authorized operator can add remarks to any active or pending event.	I	Not Answered	
839	The system allows remarks to be added to closed events without reopening the event.	I	Not Answered	
840	Remarks added to closed events are noted in the event record.	I	Not Answered	
841	Multiple operators may enter remarks to the same event at the same time.	I	Not Answered	
842	The system allows an unlimited number of remarks added to an event.	I	Not Answered	
843	The system alerts the operator responsible for an event when additional information is added to an event.	I	Not Answered	
844	This notification does not require operator action.	I	Not Answered	
845	The alert can then be cleared by the user after reviewing the update.	I	Not Answered	
846	Throughout the remarks narrative, the system provides the ability to automatically highlight keywords (e.g., gun, knife).	I	Not Answered	
847	The keyword list is created and maintained by an Agency.	I	Not Answered	
848	Throughout the remarks narrative, the system provides the ability to activate a "spell check" feature, at the discretion of the operator.	I	Not Answered	
849	The dispatcher will be notified when remarks are added to an event for which the dispatcher is responsible.	I	Not Answered	
850	Additional remarks added to an event will automatically insert the remarks area and will display in a different color until viewed or acknowledged	I	Not Answered	
Resource assignment and control (Dispatcher)				
Dispatching workstations can be differentiated by:				
851	● Geographic area of responsibility (e.g., Police precinct, Countywide).	I	Not Answered	
852	● Function (e.g., NCIC inquiry, Dispatcher, Supervisor.)	I	Not Answered	
853	● Special assignment (e.g., Task Force).	I	Not Answered	
Routing of the event to the dispatching workstation				
854	The system will automatically route an entered event to the dispatching workstation(s) based on the geographic location of the event.	I	Not Answered	
855	The system will automatically route an entered event to the dispatching workstation(s) based on the nature of the event.	I	Not Answered	
856	The routing assignment for the event can be manually assigned or overridden by the operator.	I	Not Answered	
857	The system allows multiple workstations to monitor and have responsibility for an event simultaneously.	I	Not Answered	
858	Active remote workstations, when authorized, can be included in event call routing (e.g., workstations in the command vehicle, at the EOC).	I	Not Answered	
859	Events may be transferred from one dispatching area of responsibility to another.	I	Not Answered	
860	Events may be transferred from one dispatching group to another.	I	Not Answered	
Workstation sections for dispatching				
Event display and data entry area				
861	Event details are displayed when the event is selected from either the pending or active event lists by the operator.	I	Not Answered	
862	The location of the event becomes the focus of the map.	I	Not Answered	
863	The event display record will indicate priority using color code and symbol.	I	Not Answered	
864	The event display record colors and symbols are defined and maintained by an Agency.	I	Not Answered	
865	The event display record can include the responding units.	I	Not Answered	
866	The dispatcher has the option to display county only events and units or all shared CAD system events and units.	I	Not Answered	
867	The system can display multiple events simultaneously by initiating separate windows for each displayed event.	I	Not Answered	
Pending event display area				
868	Pending event list displayed can be limited to the scope of the dispatcher workstation (e.g., the dispatch workstation for Butler County will show only that County's events).	I	Not Answered	
869	Pending event list can be sorted by any available field.	I	Not Answered	
870	Pending event list can be filtered by any available field.	I	Not Answered	
871	A visual and audible (option using configuration setting) indication is provided when a new event is added to a pending event list.	I	Not Answered	
872	A visual and audible (option using a configuration setting) indication is provided when a pending event is updated.	I	Not Answered	
873	Notification is provided to the operator when the event has exceeded an Agency defined amount of time in the pending list Defined by priority and event type code.	I	Not Answered	
874	The pending event list is sorted by priority. The higher the priority, the higher the ranking.	I	Not Answered	
875	When there are multiple events on the pending event list of the same priority, the events of the same priority are sorted by length of time spend in the pending events list. The event with the longer duration in the pending queue is higher ranked.	I	Not Answered	
The pending list is automatically updated as pending events are:				
876	● Added to the list	I	Not Answered	
877	● Modified	I	Not Answered	
878	● Removed from the list, either cancelled or selected to be dispatched.	I	Not Answered	
879	● Events on the pending list can be cancelled by any authorized operator or supervisor.	I	Not Answered	
880	● Other operators (e.g., calltakers, supervisors) can place a "request to cancel" for an event on the pending list to the operator responsible for the event.	I	Not Answered	
The pending list includes the following fields:				
881	● Event number	I	Not Answered	
882	● Event type code	I	Not Answered	
883	● Priority	I	Not Answered	
884	● Sub-priority	I	Not Answered	
885	● Civic address / Common Place name / Building and Apartment number	I	Not Answered	
886	● Beat	I	Not Answered	
887	● ID of workstation initiating the event	I	Not Answered	
888	● Elapsed time on pending list	I	Not Answered	
Active event display area				
The active event display can be sorted by:				
889	● Priority	I	Not Answered	
890	● Age of event / time received	I	Not Answered	

ATTACHMENT A - FUNCTIONAL SPECIFICATIONS

Spec ID	Specification Description	Priority	Response	Additional Comments
891	● Event number	I	Not Answered	
892	● Precinct	I	Not Answered	
	The active event list includes the following fields:			
893	● Flags	I	Not Answered	
894	● Event start time	I	Not Answered	
895	● Agency	I	Not Answered	
896	● Event number	I	Not Answered	
897	● Event type code	I	Not Answered	
898	● Priority	I	Not Answered	
899	● Sub-priority	I	Not Answered	
900	● Civic address / Common Place name / Building and Apartment number	I	Not Answered	
901	● Beat	I	Not Answered	
902	All columns, except for Event Number, may be hidden at the discretion of the operator.	I	Not Answered	
903	The active event display may be sorted by any field available.	I	Not Answered	
904	Active event list can be filtered by any available field.	I	Not Answered	
905	The status of an event, when listed on a status monitor, will be distinguished by color and by priority level.	I	Not Answered	
906	The color representing each event status can be determined and maintained by each Agency.	I	Not Answered	
	Unit display area			
	Unit display can be sorted by:			
907	● Unit ID	I	Not Answered	
908	● Assignment (e.g., patrol, task force, special duty)	I	Not Answered	
909	● Assigned event number	I	Not Answered	
910	● Civic address / Common Place name / Building and Apartment number	I	Not Answered	
911	● 1 officer / 2 officer	I	Not Answered	
912	● Status	I	Not Answered	
913	● Time in status	I	Not Answered	
914	● Precinct	I	Not Answered	
915	● Special equipment indicator	I	Not Answered	
916	All columns, except for Unit ID, may be hidden at the discretion of an Agency System Administrator.	I	Not Answered	
917	The unit display may be sorted by any field available.	I	Not Answered	
918	The unit status display record will be color coded by status.	I	Not Answered	
919	The unit status record colors are defined and maintained by the respective Agency.	I	Not Answered	
920	The unit status display can be separated by unassigned and assigned unit status.	I	Not Answered	
921	The system display area-specific units separately from roaming units.	I	Not Answered	
	Dispatch related activities			
922	The operator may use a hot key to select the highest ranked event on the pending event list for dispatch processing.	I	Not Answered	
923	Participating agencies can view events for all participating agencies		Not Answered	
924	The operator may select any event on the pending event list for dispatch processing.	I	Not Answered	
925	The system does not limit the number of users that can review and update a single incident at the same time	I	Not Answered	
	When a pending event is selected by the operator for dispatch processing:			
926	● The event data is displayed in the dispatch event form	I	Not Answered	
927	● The selected event is displayed on the workstation map.	I	Not Answered	
928	● The system presents recommended units for assignment from the predetermined assignment records.	I	Not Answered	
929	● The location of the event becomes the focus of the map.	I	Not Answered	
	The operator may select an event for viewing or updating through the following actions:			
930	● Function key selecting the highest priority, longest in the queue.	I	Not Answered	
931	● Specifying the event number (partial number) on the command line or a form.	I	Not Answered	
932	● Specifying a unit assigned to the event from the command line or a form.	I	Not Answered	
933	● Point and click from the list of active events.	I	Not Answered	
934	● Point and click on the event icon displayed on the map.	I	Not Answered	
935	The display will include all activity associated with that event.	I	Not Answered	
936	The selected event is not removed from the pending list until processed (e.g., dispatch units assigned, cancelled by the operator).	I	Not Answered	
937	The dispatcher may create an event (e.g., traffic stop).	I	Not Answered	
938	For a traffic stop, the unit(s) assigned to the event will have a status of "arrived".	I	Not Answered	
939	An operator may open a data entry form, perform calltaking activities (e.g., data entry, location validation) and perform dispatching activities on the same call. Also known as a "single shot" activity.	I	Not Answered	
940	A "single shot" activity sets a flag in the pending list event record.	I	Not Answered	
941	On selecting a pending event for dispatch processing, the operator may transfer the event to another workstation or workstation group.	I	Not Answered	
942	The operator can select an event from the unit's event stack for assignment to the unit or assign the unit to an event from the operator's pending list.	I	Not Answered	
943	The transferred event will be added to the receiver's pending event list if no units have been specified for dispatching.	I	Not Answered	
944	The transferred event will be added to the receiver's active event list if units have been specified for dispatching.	I	Not Answered	
945	The responsibility for those units will be transferred as well.	I	Not Answered	
946	On closing the event, responsibility for transferred units will returned to the home workstation.	I	Not Answered	
947	An event may be reserved for dispatch to a specific unit, even if the unit is not logged on or is busy, by assigning it to the unit's event stack.	I	Not Answered	
948	The operator may accept the default resource assignment recommendations from the system and dispatch the event with a single command or function key (e.g., "Dispatch [event number]", "Dispatch" button on the dispatch event form).	I	Not Answered	
949	The operator may make any changes to the event, location and assignment recommendations and dispatch the event.	I	Not Answered	
950	The system allows an unlimited number of updates to a event.	I	Not Answered	
	The system will respond to the initial execution of the dispatch command by automatically performing the following:			
951	● Assign the selected resources to the event	I	Not Answered	
952	● Remove the event from the dispatcher's pending queue	I	Not Answered	
953	● Update the status of the dispatched units in all map windows.	I	Not Answered	
954	● Start the status timers for the dispatched resources.	I	Not Answered	
955	● Log the resources dispatched in the event history.	I	Not Answered	
956	● Create or update the appropriate resource history record(s).	I	Not Answered	
957	● Time stamp all key event actions.	I	Not Answered	
958	● Send event information to the mobile device, should the unit having mobile device be dispatched.	I	Not Answered	
959	● Generate required tones via the toning / paging interface, if appropriate.	I	Not Answered	
960	● Generate and send rip and run information to involved resources and/or stations, if appropriate.	I	Not Answered	
961	● Generate and FAX event information to involved resources and/or stations, if appropriate.	I	Not Answered	
962	● Generate and send alphanumeric text notifications, if appropriate.	I	Not Answered	
963	An unlimited number of event notifications are allowed for any event type as determined by the system administrator.	I	Not Answered	

ATTACHMENT A - FUNCTIONAL SPECIFICATIONS

Spec ID	Specification Description	Priority	Response	Additional Comments
964	The content of automatic external event notifications should be agency specific based on user definable available event information.	I	Not Answered	
	The trigger for automatic external event notification should include any or all of the following:			
965	• Unit dispatched	I	Not Answered	
966	• Event type with specified status (e.g., pending, dispatched)	I	Not Answered	
967	• Event Benchmarks	I	Not Answered	
968	• Event Priority	I	Not Answered	
969	The system allows manual initiation of event notification to a specified unit, unit type or operator ID.	I	Not Answered	
970	The acknowledgment by an operator of a received notification should be placed into the event history.	I	Not Answered	
971	The system has the ability to transmit specific agency-definable information from the event to specified MMS and SMS capable wireless devices and workstations.	I	Not Answered	
972	The system can initiate an emergency notification to a logged on field unit without having to dispatch the unit to the event.	I	Not Answered	
973	The system allows the event data to be updated after dispatch. The system will reevaluate the event, making adjustments to unit recommendations, if necessary. Units already assigned to the call will not be automatically removed.	I	Not Answered	
974	The system will send the updated event information to the mobile device.	I	Not Answered	
975	The system allows the event type to be updated, resulting in a change to the unit recommendation. Units already assigned to the call will not be automatically removed.	I	Not Answered	
976	Active events may be transferred to other workstations and will include all units and related information.	I	Not Answered	
977	Active events may be transferred to other dispatch groups and will include all units and related information.	I	Not Answered	
978	The system allows self-initiated events.	I	Not Answered	
979	The unit reporting the event can be assigned to the event	I	Not Answered	
980	The unit status is marked arrived (e.g., traffic stop).	I	Not Answered	
	Event disposition code			
981	The system allows an event disposition code to be added to an event on event closing.	I	Not Answered	
982	The disposition code can be a required parameter depending on the event type of the event.	I	Not Answered	
983	The disposition codes are created and maintained by the respective Agency.	I	Not Answered	
984	Remarks can be added to the disposition entry by the operator.	I	Not Answered	
985	Disposition codes have to be related to the event type.	I	Not Answered	
986	The system able to restrict the addition of a specific disposition code based on event type.	I	Not Answered	
987	On closing a event, the system can send a request to the unit or officer Mobile Data Device to add the event disposition.	I	Not Answered	
988	The multiple disposition codes may be associated with an event (e.g., event, arrest).	I	Not Answered	
989	The system supports the ability to add unlimited dispositions per incident.	I	Not Answered	
990	The system allows the entry of an event disposition before closing the event.	I	Not Answered	
991	The last unit cleared from an event will require the declaration of an event disposition.	I	Not Answered	
992	Every event must have a disposition.	I	Not Answered	
993	An event disposition may be changed after the event is closed. The Operator and Workstation ID of the operator adding the disposition to a closed event is recorded.	I	Not Answered	
	Time stamps and timers			
	Time stamps will include:			
994	• Current date and time	I	Not Answered	
995	• Operator ID	I	Not Answered	
996	• Workstation ID	I	Not Answered	
	The following time stamps will be recorded and associated with a event, at a minimum:			
997	• Time call received at the PSAP	I	Not Answered	
998	• Start of event entry form	I	Not Answered	
999	• Addition of an event to the pending list	I	Not Answered	
1000	• Dispatcher first viewed the event	I	Not Answered	
1001	• Unit dispatch time	I	Not Answered	
1002	• Unit status changes	I	Not Answered	
1003	• Time event closed	I	Not Answered	
1004	• Each time a change is made to the event	I	Not Answered	
1005	• Event status changes	I	Not Answered	
1006	• Each time a remark is added to the event	I	Not Answered	
1007	• Each time a remark is added to the unit	I	Not Answered	
1008	• Each time a timer is activated	I	Not Answered	
1009	• Each time a timer is reset	I	Not Answered	
	The following timers will be provided by the system:			
1010	• Elapsed time of an event in the pending list	I	Not Answered	
1011	• Dispatcher initial event view to the dispatch of first unit.	I	Not Answered	
1012	• Initial dispatch to first unit to arrive on scene.	I	Not Answered	
1013	• Elapsed time of units on scene (par check for Fire units).	I	Not Answered	
1014	• Elapsed time a unit is on scene without communication to dispatch (Officer safety)	I	Not Answered	
1015	The system will allow the creation of Agency defined time stamps.	I	Not Answered	
1016	The system will allow the creation of Agency defined timers using defined time stamps.	I	Not Answered	
1017	The respective Agency can determine the length of time that a timer will be active before notifying the operator.	I	Not Answered	
1018	The system provides an audible (optional through system configuration) and visual notification to the operator when an event timer exceeds a predetermined time period in a status.	I	Not Answered	
1019	The visual notification for the event timer will be displayed for the event's map icon.	I	Not Answered	
1020	The event status timer's time periods are established and maintained by an Agency.	I	Not Answered	
1021	Event status timer can vary by event type code.	I	Not Answered	
1022	Event status timer can vary by event priority.	I	Not Answered	
1023	The system allows the operator to reset the timer operation for any event or unit related timer, with the following conditions:	I	Not Answered	
1024	• The timer restarts at 0.	I	Not Answered	
1025	• Notifications are reset.	I	Not Answered	
1026	• The operator can select a default time period or specify a time period.	I	Not Answered	
1027	• Timer resets are recorded in the event history	I	Not Answered	
1028	The system allows the operator to disregard the timer operation for any event or unit related timer, with the following conditions:	I	Not Answered	
1029	• The timer continues to run.	I	Not Answered	
1030	• Future notifications can be turned off.	I	Not Answered	
1031	• Future notifications can be reset ("snooze").	I	Not Answered	
1032	The system tracks time in status for each unit separately	I	Not Answered	
1033	The system allows each unit to be dynamically assigned different time-out values.	I	Not Answered	
	Be On the Lookout Messages (BOLO)			
1034	The entry of a BOLO can occur via a form or via command line.	I	Not Answered	
1035	A BOLO can include information on persons or vehicles.	I	Not Answered	
	Any CAD workstation can perform the following with regards to BOLO messages:			
1036	• Create	I	Not Answered	
1037	• Modify	I	Not Answered	

ATTACHMENT A - FUNCTIONAL SPECIFICATIONS

Spec ID	Specification Description	Priority	Response	Additional Comments
1038	<ul style="list-style-type: none"> • Display 	I	Not Answered	
1039	<ul style="list-style-type: none"> • Delete 	I	Not Answered	
1040	<ul style="list-style-type: none"> • Print 	I	Not Answered	
1041	<ul style="list-style-type: none"> • Save a version of the BOLO for electronic distribution (e.g., email). 	I	Not Answered	
1042	Based on the requirements of the system administrator, the system can restrict the ability to delete a BOLO.	I	Not Answered	
1043	The system provides the ability to send a BOLO to groups of workstations or individual workstations.	I	Not Answered	
1044	The BOLO can be tied to an event.	I	Not Answered	
1045	The BOLO can be specified as local to the jurisdiction of the event, county-wide or regional-wide.	I	Not Answered	
1046	The workstation ID and operator ID initiating the BOLO will be recorded with the message.	I	Not Answered	
1047	The active BOLO list can be displayed.	I	Not Answered	
1048	The operator can select an active BOLO from the list to view the details.	I	Not Answered	
1049	The system supports the automatic query of active BOLO data whenever a person or vehicle is entered into the system. The system will search by:	I	Not Answered	
1050	<ul style="list-style-type: none"> • Vehicle tag ID 	I	Not Answered	
1051	<ul style="list-style-type: none"> • Subject information 	I	Not Answered	
1052	<ul style="list-style-type: none"> • Vehicle identifier (e.g., make, model) 	I	Not Answered	
1053	The BOLO can have an expiration date and time.	I	Not Answered	
1054	The system can automatically expire BOLOs based on the expiration date.	I	Not Answered	
1055	An operator can manually mark a BOLO expired.	I	Not Answered	
1056	A BOLO can be marked cancelled by an authorized operator.	I	Not Answered	
1057	The BOLO can be terminated by an authorized operator from an authorized workstation.	I	Not Answered	
	The BOLO message includes:			
1058	<ul style="list-style-type: none"> • Date and time 	I	Not Answered	
1059	<ul style="list-style-type: none"> • Initiating operator ID and workstation ID 	I	Not Answered	
1060	<ul style="list-style-type: none"> • BOLO message 	I	Not Answered	
1061	<ul style="list-style-type: none"> • Expiration date 	I	Not Answered	
1062	<ul style="list-style-type: none"> • Date and time terminated 	I	Not Answered	
1063	<ul style="list-style-type: none"> • Terminating operator ID and workstation ID 	I	Not Answered	
1064	The BOLO messages can be searched by any field of the message.	I	Not Answered	
1065	A BOLO message can be printed.	I	Not Answered	
1066	A summary list of BOLOs can be printed.	I	Not Answered	
	The BOLO summary list can be limited by:			
1067	<ul style="list-style-type: none"> • Active 	I	Not Answered	
1068	<ul style="list-style-type: none"> • Closed / expired 	I	Not Answered	
1069	<ul style="list-style-type: none"> • Date range 	I	Not Answered	
1070	BOLO data is available for inquiry, retrieval and reports.	I	Not Answered	
1071	The BOLO list is available to mobile devices.	I	Not Answered	
1072	The system supports the distribution of BOLO messages, and includes the following:	I	Not Answered	
1073	<ul style="list-style-type: none"> • all users 	I	Not Answered	
1074	<ul style="list-style-type: none"> • a selection of users 	I	Not Answered	
1075	<ul style="list-style-type: none"> • mobile devices 	I	Not Answered	
1076	<ul style="list-style-type: none"> • units 	I	Not Answered	
1077	The BOLO message can be scheduled for redistribution, if still active. For example, an active BOLO message can be redistributed every 4 hours.	I	Not Answered	
	Unit recommendation			
1078	The number and types of units recommended are determined by event type code, unit capability and event location/area.	I	Not Answered	
1079	The system will allow all participating agencies to share each other's units and resources.	I	Not Answered	
1080	Units can be associated with a particular agency or designated as cross jurisdictional and controlled by multiple agencies. For example, an ambulance service will serve multiple communities and counties and therefore be available for assignment by any of those counties.	I	Not Answered	
1081	The system will provide recommendations for units of participating agencies outside of the dispatching agency primary area of responsibility. For example, although an incident is located in County A, the system will recommend County B if appropriate.	I	Not Answered	
1082	There is no limit to the number of units that may be dispatched to an incident. All units are tracked individually.	I	Not Answered	
	The system supports the following factors in unit recommendation			
1083	<ul style="list-style-type: none"> • Agency defined response zones/beats/boxes 	I	Not Answered	
1084	<ul style="list-style-type: none"> • Agency defined station order responses 	I	Not Answered	
1085	<ul style="list-style-type: none"> • Agency defined responses 	I	Not Answered	
1086	<ul style="list-style-type: none"> • Agency defined location or premises classifications 	I	Not Answered	
1087	<ul style="list-style-type: none"> • Agency defined equipment or apparatus types 	I	Not Answered	
1088	<ul style="list-style-type: none"> • Personnel skills 	I	Not Answered	
1089	<ul style="list-style-type: none"> • Special equipment 	I	Not Answered	
1090	<ul style="list-style-type: none"> • Minimum staffing 	I	Not Answered	
1091	<ul style="list-style-type: none"> • Split crew 	I	Not Answered	
1092	<ul style="list-style-type: none"> • Shared crew 	I	Not Answered	
1093	The system provides the capability to designate apparatus in a "shared crew" configuration. A single crew operates a Hazardous Materials Van and an Engine. For example, when the Hazardous Materials Van leaves the station, the system will place the shared Engine out of service. This is action is performed by the system without operator intervention.	I	Not Answered	
1094	If a unit under consideration to be selected for a recommendation is not available, the system will automatically select the next most reasonable unit from the available units list as a substitute.	I	Not Answered	
1095	The substitute unit will be selected using algorithms determined by an Agency.	I	Not Answered	
1096	The system will use the AVL location for units when developing a recommendation list.	I	Not Answered	
1097	If AVL is employed, the substitute unit will be the closed unit of the needed unit type, accounting for road conditions, obstacles, interstate access and interstate lane direction.	I	Not Answered	
1098	If AVL is employed, the system will consider neighboring jurisdiction's box assignments (Fire) for mutual aid responses	I	Not Answered	
1099	The system will present both closest unit and predetermined dispatch order to the dispatcher for consideration for assignment.	I	Not Answered	
1100	Recommendation algorithms used by the system for dispatch are specific to the jurisdiction of the location of the incident.	I	Not Answered	
1101	The system is capable of selecting and recommending units by both the unit designator and the officer ID assigned to the unit.	I	Not Answered	
1102	The operator can accept the complete list of system recommended units using a function key.	I	Not Answered	
1103	The operator can display the list of system recommendations (run card) at the discretion of the operator.	I	Not Answered	
1104	The display of the run card will scroll to enable the operator to see the entire recommendation list if the list is too large to display in a single window.	I	Not Answered	
1105	The operator can select any units from the recommended units list for dispatch.	I	Not Answered	
1106	The system allows for recommendation of units by alarm level.	I	Not Answered	
1107	The system supports alternate dispatch recommendations based on Agency selected criteria (e.g., severe weather, special events).	I	Not Answered	

ATTACHMENT A - FUNCTIONAL SPECIFICATIONS

Spec ID	Specification Description	Priority	Response	Additional Comments
1108	The system is able to recommend units for dispatch using special equipment as a selection parameter.	I	Not Answered	
1109	The operator can manually enter any valid unit ID or multiple unit IDs for assignment on an event, even IDs not on the recommended unit list.	I	Not Answered	
1110	The operator can return the event to the pending list without making a unit assignment.	I	Not Answered	
1111	The system allows for the addition of units to an event.	I	Not Answered	
1112	The system is able to dispatch additional units to an incident from the command line, an incident dispatch form, or using drag and drop from the available units list functionality.	I	Not Answered	
1113	As units are added to an event, the system recognizes when the assigned units reach an upgraded alarm level. The system will add a notation to the event but will not change the existing alarm level.	I	Not Answered	
1114	The system has the ability to configure and designate mutual aid responses.	I	Not Answered	
1115	The system can formulate location specific recommendations.	I	Not Answered	
1116	The system is able to adjust the recommendation list and account for:	I	Not Answered	
1117	• Time of day	I	Not Answered	
1118	• Unit availability.	I	Not Answered	
1119	• Special skills assigned to the unit.	I	Not Answered	
1120	• Special equipment assigned to the unit.	I	Not Answered	
1121	• Closest units to the location of the event.	I	Not Answered	
1122	• Units already assigned to the event.	I	Not Answered	
1123	The system can display extended unit recommendations in addition to the initial recommendation (e.g., next alarm level).	I	Not Answered	
1124	The system will log the recommendations displayed for the user in the incident's history, whether dispatched on substituted.	I	Not Answered	
	Unit activity			
1125	The system allows units assigned to separate events to exchange assignments without creating a new event.	I	Not Answered	
1126	The system updates all log files when units are exchanged.	I	Not Answered	
1127	The action of assignment of a unit to an event can be restricted to the operator responsible for the unit.	I	Not Answered	
1128	The system can allow the assignment of a unit by an operator not responsible for the unit, with authorization from the operator responsible for the unit.	I	Not Answered	
1129	When a unit exchange is function is executed, the system will seek any required authorization from the responsible operators prior to the exchange.	I	Not Answered	
1130	The system allows units to be placed on duty from a preformatted screen.	I	Not Answered	
1131	The system allows units to be placed on duty from a command line.	I	Not Answered	
1132	The on-duty entry can include the unit crew assignment.	I	Not Answered	
1133	The system supports a temporary unit feature (up to eight-character unit number), allowing units that are not predefined in the system or not on duty to be placed on duty and dispatched via a single function.	I	Not Answered	
1134	Once created, the temporary unit has all of the characteristics of a defined unit until removed.	I	Not Answered	
1135	When the unit logs off, the temporary unit will be removed from the system.	I	Not Answered	
1136	If an Officer ID number being assigned to a unit already has an assignment, the system will prompt the operator to either change the Officer ID number to the new assignment or maintain the old assignment.	I	Not Answered	
1137	When an assignment is closed, the system maintains the Officer ID number(s) associated with the assignment for audit purposes.	I	Not Answered	
1138	The system allows the name of a ride-along to be entered at unit sign-on. Multiple rider names can be added to a unit.	I	Not Answered	
1139	The system is able to assign vehicles to individual officers and maintain that vehicle assignment through shift changes.	I	Not Answered	
1140	The system provides notifications to the operators responsible for the individual units involved in the exchange on completion of the exchange.	I	Not Answered	
1141	The system allows an assigned unit and an unassigned unit to be exchanged without creating a new event.	I	Not Answered	
1142	A single unit or multiple units can be assigned to an event:	I	Not Answered	
1143	• By selection as part of a recommended unit list	I	Not Answered	
1144	• As a parameter of a function entered on a command line	I	Not Answered	
1145	• Drag and drop from a list of available units.	I	Not Answered	
1146	A unit may be unassigned and unavailable for assignment.	I	Not Answered	
1147	A unit may be assigned to backup or assist another unit.	I	Not Answered	
1148	A unit may be place out-of-service and not available for assignment.	I	Not Answered	
1149	A unit may be "pre-assigned" to an event.	I	Not Answered	
1150	When a unit clears its assignment, it can be automatically dispatched to the next "pre-assigned" incident.	I	Not Answered	
1151	The responsibility for a unit may be transferred from one area of responsibility (e.g., precinct, County-wide) to another.	I	Not Answered	
1152	The system allows one unit to cover the assigned area of another unit.	I	Not Answered	
1153	The system allows remarks to be added to the unit (specifically) by the operator.	I	Not Answered	
1154	The system provides the capability to capture odometer reading, when:	I	Not Answered	
1155	• a unit goes on duty	I	Not Answered	
1156	• goes off duty	I	Not Answered	
1157	• unit status changes	I	Not Answered	
1158	• initiate unit transport status	I	Not Answered	
1159	• arrive unit transport status	I	Not Answered	
	Unit data elements			
1160	The system supports a central unit table for the creation of Unit IDs.	I	Not Answered	
1161	The system supports Unit IDs of a minimum of 10 alphanumeric characters.	I	Not Answered	
	The system unit record contains the following elements:			
1162	• Unit type	I	Not Answered	
1163	• Unit ID	I	Not Answered	
1164	• Capabilities	I	Not Answered	
1165	• Number of personnel assigned to the unit	I	Not Answered	
1166	• Personnel assigned	I	Not Answered	
1167	• Push-to-talk ID	I	Not Answered	
1168	• Vehicle ID	I	Not Answered	
1169	• MDT ID	I	Not Answered	
1170	• Special equipment	I	Not Answered	
1171	• Area designation	I	Not Answered	
1172	• Zone designation	I	Not Answered	
1173	• Home assignment	I	Not Answered	
1174	• Controlled / Uncontrolled	I	Not Answered	
	Unit status			
1175	The status of a unit may be updated using a function executed on the command line.	I	Not Answered	
1176	The status of a unit may be updated using form.	I	Not Answered	
1177	The status of a unit may be updated using a mouse.	I	Not Answered	
1178	The status of a unit may be updated from the integrated map.	I	Not Answered	
1179	The system allows comment information to be entered during unit status updates.	I	Not Answered	
1180	The unit status comment information is logged in the unit history.	I	Not Answered	
1181	The unit status comment information is logged in the event record, if the unit is assigned to an incident.	I	Not Answered	
	The CAD system allows the definition of the following types of unit status parameters:			

ATTACHMENT A - FUNCTIONAL SPECIFICATIONS

Spec ID	Specification Description	Priority	Response	Additional Comments
1182	● Special status colors	I	Not Answered	
1183	● Allowing a unit to be available for dispatch while in a status.	I	Not Answered	
1184	● Allowing a unit to be available for recommendation while in a status	I	Not Answered	
1185	● Time allowed in a status	I	Not Answered	
1186	● Status codes	I	Not Answered	
1187	The status of multiple units assigned to an event may be updated with a single command.	I	Not Answered	
1188	The system allows the respective Agency to create and maintain unit status codes.	I	Not Answered	
1189	The status of a unit is reflected on the display of the unit ID on the status display.	I	Not Answered	
1190	The unit status indicator for the map and the status display can be the same color.	I	Not Answered	
	The following are unit status codes that may be assigned to a unit:			
1191	● Available	I	Not Answered	
1192	● Dispatched – not enroute	I	Not Answered	
1193	● Enroute	I	Not Answered	
1194	● In area	I	Not Answered	
1195	● At station – available	I	Not Answered	
1196	● At station – not available	I	Not Answered	
1197	● Staging – available	I	Not Answered	
1198	● Staging – not available	I	Not Answered	
1199	● Arrived	I	Not Answered	
1200	● Enroute to hospital	I	Not Answered	
1201	● Arrived at hospital	I	Not Answered	
1202	● Enroute to move-up	I	Not Answered	
1203	● Arrived at move-up	I	Not Answered	
1204	● Pre-empting	I	Not Answered	
1205	● Exchanged	I	Not Answered	
1206	● Transporting	I	Not Answered	
1207	● Transport complete	I	Not Answered	
1208	● Out of service	I	Not Answered	
1209	● Motor vehicle (out of service due to vehicle problem)	I	Not Answered	
1210	● Equipment (Available, picking up equipment)	I	Not Answered	
1211	● Signal Q (radio traffic held)	I	Not Answered	
1212	● OK (OK for routine radio traffic)	I	Not Answered	
1213	● Report	I	Not Answered	
1214	● Cleared – available	I	Not Answered	
1215	● Cleared – not available	I	Not Answered	
1216	● On break - available	I	Not Answered	
1217	● On break – not available	I	Not Answered	
1218	● Off duty	I	Not Answered	
1219	The system allows unit status codes to be defined by an Agency.	I	Not Answered	
1220	The system will differentiate unit status using color.	I	Not Answered	
1221	The colors associated with unit status can be assigned and maintained by an Agency.	I	Not Answered	
1222	The status of a unit is reflected on the display of the unit icon on the map.	I	Not Answered	
1223	The status of a unit, when displayed on the map, will be distinguished by color.	I	Not Answered	
1224	The color representing each unit status on the map can be determined and maintained by an Agency.	I	Not Answered	
1225	The system provides the ability of distinguishing the status of unit visually with other than color (to accommodate color blindness).	I	Not Answered	
1226	The system provided for the ability for the operator to add comments / remarks to the unit status record.	I	Not Answered	
1227	The system allows off-duty units to be tracked for off duty employment.	I	Not Answered	
1228	The system allows off-duty units to be recommended for assignment (e.g., the off-duty unit can be assigned to a high priority event at the discretion of the operator).	I	Not Answered	
	Unit status timer			
1229	The system provides an audible (optional using system configuration) and visual notification to the operator when a unit exceeds a predetermined time period in a status.	I	Not Answered	
	The following unit status timers are enabled:			
1230	● Dispatched – the length of time in the dispatched status to marking enroute or arrived/on-scene	I	Not Answered	
1231	● Enroute – from dispatch to arrived/on-scene	I	Not Answered	
1232	● Arrived – the length of time from on-scene to clear.	I	Not Answered	
1233	● Unit safety / well-being timer - length of time established by the each Agency that the unit reports status to the dispatcher.	I	Not Answered	
1234	The visual notification for the unit timer will be displayed for the unit's map icon.	I	Not Answered	
1235	The visual notification for the unit timer triggering can including blinking of the unit ID or map icon.	I	Not Answered	
1236	Unit status timer time periods are established and maintained by the each Agency.	I	Not Answered	
1237	If an mobile device is associated with the unit and a wellness check unit timer trigger is activated for that unit, the system will pass the notification along to the mobile device associated to the unit.	I	Not Answered	
1238	Unit status timer can vary by event type code.	I	Not Answered	
1239	Unit status timer can vary by unit status code.	I	Not Answered	
1240	The operator can reset the timer for any unit.	I	Not Answered	
1241	● The timer restarts at 0.	I	Not Answered	
1242	● Notifications are reset.	I	Not Answered	
1243	The operator can disregard the timer for any unit.	I	Not Answered	
1244	● The timer continues to run.	I	Not Answered	
1245	● Future notifications can be turned off.	I	Not Answered	
1246	Future notifications can be reset ("snooze").	I	Not Answered	
	Pre-emption of units			
1247	A unit can be pre-empted from an assigned event. The unit will be available for assignment.	I	Not Answered	
1248	A unit can be pre-empted from an assigned event and reassigned to a different event with a single command.	I	Not Answered	
1249	A unit that has been pre-empted from an assigned event and reassigned to a different event may be marked as arrived status without having to be "dispatched" to the reassigned event.	I	Not Answered	
1250	A unit pre-empted from an event may have that event placed in the unit's event stack, as determined by the operator.	I	Not Answered	
1251	If all of the units assigned to an event are pre-empted, the event will be placed back on to the pending events list. This event will be flagged as one previously dispatched.	I	Not Answered	
1252	Pre-empted units are tracked in the event record / audit trail.	I	Not Answered	
	Unit Move-up / Cover			
1253	The system supports cover assignments where a unit 1 will be recommended for the assignments of unit 2.	I	Not Answered	
1254	The system will automatically recommend cover assignment as determined by the jurisdiction.	I	Not Answered	
1255	The system allows cover assignments to be manually created with a CAD command.	I	Not Answered	
1256	The system will visually notate a unit in a cover assignment status on the unit status monitor lists.	I	Not Answered	
1257	Units put into a covering status are recommended from the station for which they are covering.	I	Not Answered	
1258	The system supports move-up assignments where unit 1 is moved to the Station of unit 2 in order to fill gaps in coverage areas.	I	Not Answered	
1259	The system will automatically recommend move-up assignments as determined by the jurisdiction.	I	Not Answered	
1260	The system will automatically create a CAD event for dispatch for the unit to be moved.	I	Not Answered	

ATTACHMENT A - FUNCTIONAL SPECIFICATIONS

Spec ID	Specification Description	Priority	Response	Additional Comments
1261	The system allows move-up assignments to be manually created with a CAD command.	I	Not Answered	
1262	The system will visually notate a unit in a move-up assignment status on the unit status monitor lists.	I	Not Answered	
1263	The system supports Fire units put into a move-up status to be recommended from the station to which they have been moved.	I	Not Answered	
1264	Units that are moved-up to compensate for coverage gaps based on a particular event/call can be automatically returned to their home station upon clearing of the event/call that required the move-up, or manually returned, at the discretion of an authorized user.	I	Not Answered	
1265	The system provides for individual dispatcher discretion to allow override of cover and move-up recommendations.	I	Not Answered	
1266	The system provides a visual alert that units involved in a move-up recommendation have returned to service.	I	Not Answered	
1267	A command is available to return moved-up or cover units to original/primary station.	I	Not Answered	
Primary unit for an event.				
1268	The system can automatically assign a unit as the primary unit for an event based on Agency requirements.	I	Not Answered	
1269	The operator can assign a unit to be the primary unit for an event.	I	Not Answered	
1270	The operator can change the primary unit during an event.	I	Not Answered	
1271	The system records the change of primary unit in the event record.	I	Not Answered	
1272	The system supports a visual indication of the primary unit on the active event display.	I	Not Answered	
1273	The system supports a visual indication of the primary unit on the unit display.	I	Not Answered	
1274	The primary unit will be responsible for the report, if a report is required.	I	Not Answered	
1275	The primary unit will require a disposition when cleared, if a disposition is required.	I	Not Answered	
Cleared units.				
1276	A single unit can be cleared from an event.	I	Not Answered	
1277	Cleared units will be available for assignment.	I	Not Answered	
1278	A unit may be cleared from an event and held as not available for assignment.	I	Not Answered	
1279	Multiple units can be cleared from an event with a single command.	I	Not Answered	
1280	All units may be cleared from an event with a single command.	I	Not Answered	
1281	When all units are cleared from an event, the event automatically initiates the event close process.	I	Not Answered	
1282	Each event must include a disposition code on closure.	I	Not Answered	
Units logging on				
1283	A unit may be logged on and off as necessary.	I	Not Answered	
1284	A unit may be logged on but out of service.	I	Not Answered	
1285	The system allows groups of units to be logged on and off with a single function.	I	Not Answered	
1286	While logging the unit on, the operator may specify:	I	Not Answered	
1287	<ul style="list-style-type: none"> The officer ID(s) to be associated with the unit. This activity will override (but not replace) any previously entered roster entries for that tour of duty. 	I	Not Answered	
1288	<ul style="list-style-type: none"> Special equipment (e.g., special weapons, DUI kits). 	I	Not Answered	
1289	<ul style="list-style-type: none"> Mobile device ID 	I	Not Answered	
1290	<ul style="list-style-type: none"> District or Beat (Unit will auto transfer to correct dispatcher) 	I	Not Answered	
1291	If a unit is logged on with a designated district / beat, the system will automatically assign unit to the appropriate dispatcher.	I	Not Answered	
1292	If a unit is logged on with a designated district / beat, the system will automatically display the unit on the appropriate dispatcher's workstation.	I	Not Answered	
1293	The system allows unit staffing, weapons and equipment to be updated by the operator while the unit is logged on.	I	Not Answered	
1294	The system allows the unit data table information to be updated at any time by authorized personnel.	I	Not Answered	
Unit disposition code				
1295	The unit disposition codes are created and maintained by an Agency.	I	Not Answered	
1296	A unit disposition code is added to the unit record on clearance of a call by a unit.	I	Not Answered	
1297	A unit disposition code can be required depending on the event type of the event, as determined by an Agency.	I	Not Answered	
1298	Each unit assigned to an event may record a disposition code.	I	Not Answered	
1299	The system allows multiple disposition codes per unit.	I	Not Answered	
Unit type				
1300	The system supports the association of a unit type to a unit ID.	I	Not Answered	
1301	An Agency can create and maintain the unit types.	I	Not Answered	
Wrecker rotation				
1302	The system provides a method for creating and maintaining a list used for the rotating recommendation of wrecker companies.	I	Not Answered	
1303	An Agency can create and maintain a list of wrecker companies to include on the rotation plan.	I	Not Answered	
1304	For a shared service, each PSAP can create and maintain a local list of wrecker companies to include on the rotation plan.	I	Not Answered	
1305	The system allows for the development of a separate wrecker company recommendation plan for each jurisdiction.	I	Not Answered	
1306	Wrecker company rotation plans can be based on location.	I	Not Answered	
1307	The system can automatically assign a wrecker company from the wrecker company rotation list.	I	Not Answered	
1308	The operator may override the system recommended wrecker company selection.	I	Not Answered	
1309	The system allow an operator to skip the assignment of a wrecker company without impacting it's position on the assignment list.	I	Not Answered	
1310	The wrecker company selection can be based on a wrecker company rotation cycle as determined by the jurisdiction (e.g., the same wrecker or company selected for a week, followed by the next selection on the list).	I	Not Answered	
1311	The system can use some or all the following parameters to determine the wrecker company selection:	I	Not Answered	
1312	<ul style="list-style-type: none"> Length of time since the last assignment 	I	Not Answered	
1313	<ul style="list-style-type: none"> Location of the assignment 	I	Not Answered	
1314	The system allows the operator to remove / suspend a wrecker company from the wrecker rotation list for an Agency determined period of time	I	Not Answered	
1315	The system will create a history for wrecker company assignment for inquiry and printing.	I	Not Answered	
1316	An operator can print the wrecker company assignment logs.	I	Not Answered	
1317	An operator can electronically deliver (email) the wrecker company assignment logs.	I	Not Answered	
1318	The system allows an operator to select if a wrecker company stays at top of the rotation or select a wrecker company to go to bottom of the rotation list depending on circumstances.	I	Not Answered	
Ambulance rotation				
1319	The system provides a method for creating and maintaining list used for the rotating recommendation of ambulances.	I	Not Answered	
1320	An Agency can create and maintain a list of ambulances to include on the rotation plan.	I	Not Answered	
1321	For a shared service, each PSAP can create and maintain a local list of ambulances to include on the rotation plan.	I	Not Answered	
1322	The system allows for the development of a separate ambulance recommendation plan for each jurisdiction.	I	Not Answered	
1323	Ambulance rotation plans can be based on location.	I	Not Answered	
1324	The system can automatically assign an ambulance from the rotation list.	I	Not Answered	
1325	The operator may override the system recommended ambulance selection.	I	Not Answered	
1326	The system allow an operator to skip the assignment of an ambulance without impacting it's position on the assignment list.	I	Not Answered	
1327	The system can use some or all the following parameters to determine the selection of an ambulance:	I	Not Answered	
1328	<ul style="list-style-type: none"> Length of time since the last assignment 	I	Not Answered	
1329	<ul style="list-style-type: none"> Location of the assignment 	I	Not Answered	

ATTACHMENT A - FUNCTIONAL SPECIFICATIONS

Spec ID	Specification Description	Priority	Response	Additional Comments
1330	The system allows the operator to remove / suspend an ambulance from the rotation list for an Agency determined period of time	I	Not Answered	
1331	The system will create a history for ambulance assignments for inquiry and printing.	I	Not Answered	
1332	An operator can print the ambulance assignment logs.	I	Not Answered	
1333	An operator can electronically deliver (email) the ambulance assignment logs.	I	Not Answered	
1334	The system allows an operator to select if an ambulance stays at top of a the rotation or select an ambulance to go to bottom of the rotation list depending on circumstances.	I	Not Answered	
	Integrated Mapping			
1335	The system supports map overlays.	I	Not Answered	
	The system support the following overlays, at a minimum:			
1336	• Digital Orthophotographic	I	Not Answered	
1337	• Pictometry	I	Not Answered	
1338	• Parcel	I	Not Answered	
1339	• Parks	I	Not Answered	
1340	• Building footprints	I	Not Answered	
1341	• Agency developed map layers	I	Not Answered	
1342	• Waterways	I	Not Answered	
1343	• Agency developed polygons (e.g., Fire zones)	I	Not Answered	
1344	• Political boundaries	I	Not Answered	
1345	• Neighborhoods	I	Not Answered	
1346	• Hydrants, including dry hydrants and drafting locations.	I	Not Answered	
1347	• Water supply	I	Not Answered	
1348	• Railroad lines	I	Not Answered	
1349	• Communication towers (e.g., cell phone, commercial broadcast)	I	Not Answered	
1350	• Live traffic data	I	Not Answered	
1351	• Landing zones	I	Not Answered	
1352	The integrated CAD map will utilize the map for the entire county of an Agency.	I	Not Answered	
1353	The CAD map system can integrate maps for all counties participating in the shared CAD implementation (Butler, Lawrence, Mercer and Venango).	I	Not Answered	
1354	The CAD map system will share map data (events, units, road closures, etc.) for all counties participating in the shared CAD implementation (Butler, Lawrence, Mercer and Venango) and the data will display on the individual agency's map.	I	Not Answered	
1355	The CAD map system determine and display X/Y coordinates from any point on the map.	I	Not Answered	
1356	The map system will share the keyboard and mouse function with CAD.	I	Not Answered	
1357	The map displays active events.	I	Not Answered	
1358	The map displays pending events.	I	Not Answered	
1359	The map symbols representing events and units are configurable by an Agency.	I	Not Answered	
1360	The map symbols will distinguish between function (e.g., events and units) by color and shape.	I	Not Answered	
1361	The map symbols representing units will distinguish unit status (e.g., enroute, arrived, available).	I	Not Answered	
1362	Unit status representations (e.g. color, symbology) on the map matches status representations used on CAD status monitors.	I	Not Answered	
1363	The operator can display detail information about the event or unit by selecting the representative icon displayed on the map.	I	Not Answered	
1364	The operator can perform event related functions (e.g., update event information, add remarks) from an event form by selecting the representative event icon displayed on the map.	I	Not Answered	
1365	The system support the ability to visually notate available premises information and link to appropriate documents via a single map click	I	Not Answered	
1366	During event entry, dispatching and inquiry, the integrated map will center the map focus on the location and zoom to an extent specified by an Agency.	I	Not Answered	
1367	The system supports the ability to select unit(s) and have the map automatically size to display the requested units within the map	I	Not Answered	
1368	With AVL enabled, the map will automatically pan to follow a unit selected by the operator.	I	Not Answered	
1369	Map overlays may be toggled on and off by the operator.	I	Not Answered	
1370	The system will accept location information based on FCC Wireless Phase I and Phase II standards.	I	Not Answered	
1371	The system will display of the location of Wireless Phase I and Phase II callers.	I	Not Answered	
1372	An operator can initiate an event from a mouse click on the map using the map point from the click as the location.	I	Not Answered	
1373	When initiating an event from a mouse click on the map, the system will use the closest valid address as the location to validate, but the point on the map will remain at the point selected.	I	Not Answered	
1374	An operator is capable of perform a map location lookup based on the following:	I	Not Answered	
1375	• Validated civic address	I	Not Answered	
1376	• Validated intersection	I	Not Answered	
1377	• Geographic coordinates (e.g., Latitude / Longitude)	I	Not Answered	
1378	• Mouse click on the map	I	Not Answered	
1379	• Validated common place name	I	Not Answered	
1380	The system is able to link files to map structures (e.g., photos, PDFs, audio).	I	Not Answered	
1381	The system is able to create links to the Web via points on the map.	I	Not Answered	
1382	The system is able to create, store and execute hyperlinks.	I	Not Answered	
1383	The system supports ability to toggle feature displays.	I	Not Answered	
1384	The system is able to toggle feature annotation.	I	Not Answered	
1385	The system is able to pan and zoom.	I	Not Answered	
1386	The map zoom levels are defined by an Agency.	I	Not Answered	
1387	The map zoom levels are able to be defined by an Agency by municipality. For instance, Municipality A wants the map zoomed to 1000 feet when recalling a dispatch, while Municipality B wants the map zoomed to 2000 feet for the same function.	I	Not Answered	
1388	The map feature annotation font size automatically adjusts with map focus.	I	Not Answered	
1389	The map supports both English and metric measurements.	I	Not Answered	
1390	Map symbology can be defined and changed by an Agency.	I	Not Answered	
1391	The system can print the map display.	I	Not Answered	
	GIS interface			
1392	The system is compatible with ESRI software.	I	Not Answered	
1393	The system supports ESRI file formats.	I	Not Answered	
1394	All GIS related files can be maintained by an Agency.	I	Not Answered	
1395	GIS files can be imported to CAD by an Agency using built in utilities.	I	Not Answered	
1396	Updates to the Mapping module does not affect CAD operations.	I	Not Answered	
1397	A GIS report writing module is included using COTS applications.	I	Not Answered	
	Road closures			
1398	The system is able to accept and process road closures.	I	Not Answered	
1399	The system will share road closures with all devices on the system as the closure is processed.	I	Not Answered	
1400	The active road closure will be visually represented on the map.	I	Not Answered	
1401	An authorized user is able to enter a road closure using CAD functions.	I	Not Answered	
1402	Road closures are shared with all workstations.	I	Not Answered	

ATTACHMENT A - FUNCTIONAL SPECIFICATIONS

Spec ID	Specification Description	Priority	Response	Additional Comments
1403	The system will provide road closure data to the mobile devices for display.	I	Not Answered	
1404	Road closures are shared with agency members on the shared CAD system.	I	Not Answered	
1405	Road closures can be established to be of any duration.	I	Not Answered	
1406	Unit recommendations will be adjusted due to active road closures.	I	Not Answered	
1407	During road closure, the operator can designate if an intersection should be treated as "open" to support crossing by public safety personnel.	I	Not Answered	
	Unit routing			
1408	Unit routing uses the street network.	I	Not Answered	
1409	Unit event routing assistance will be adjusted due to active road closures.	I	Not Answered	
1410	The system can utilize the unit's AVL location as the starting point for unit routing.	I	Not Answered	
1411	The system supports unit routing based on shortest route from the unit's location to the assigned event location.	I	Not Answered	
1412	The system supports unit routing based on fastest route from the unit's location to the assigned event location.	I	Not Answered	
1413	The system supports unit routing with operator designated start and end point.	I	Not Answered	
1414	Unit routing accounts for detours.	I	Not Answered	
1415	Unit routing accounts for road attributes (e.g., speed limits, one-way streets).	I	Not Answered	
1416	The system will highlight the calculated route on the map.	I	Not Answered	
1417	The system supports annunciated turn by turn directions between any 2 points on the map on the mobile device.	I	Not Answered	
1418	Annunciated turn by turn directions may be toggled on and off at the operator's discretion.	I	Not Answered	
1419	The routing module is capable of resetting the route based on the current unit location.	I	Not Answered	
1420	When the route is reset, the system will annunciate based on the reset route.	I	Not Answered	
	Interfaces			
1421	The system provides a integrated set of application modules offering a consistent user interface.	I	Not Answered	
	Alarm company interface			
1422	The system is capable of a bi-directional interface to external alarm monitoring companies.	I	Not Answered	
1423	The external alarm monitoring company interface utilizes the most recently developed Automated Secure Alarm Protocol (ASAP) specification.	I	Not Answered	
	Automatic Vehicle Location (AVL) interface			
1424	The interface to a AVL module can be used to determine real-time unit location.	I	Not Answered	
1425	The unit AVL location data is used in unit recommendation.	I	Not Answered	
1426	The unit AVL location data is used in vehicle routing.	I	Not Answered	
1427	The unit AVL location data is shared among the PSAPs on the Regional CAD system to enable each PSAP to view units of any PSAP member of the Regional CAD system.	I	Not Answered	
1428	The unit AVL locations are displayed on the CAD map.	I	Not Answered	
1429	The unit AVL locations are updated on the map automatically.	I	Not Answered	
1430	The unit AVL locations are updated on the map by the operator using a CAD function.	I	Not Answered	
1431	The frequency of AVL location updates can be adjusted by unit and status	I	Not Answered	
1432	The system can interface with the AVL application without Mobile Data infrastructure.	I	Not Answered	
1433	The AVL module can be toggled on and off without degradation of CAD responsiveness.	I	Not Answered	
1434	The system can interface with the AVL application to produce event and unit playback activity using the existing CAD mapping module.	I	Not Answered	
1435	The system will interface with the AVL application to capture unit data regarding current unit conditions (e.g., status of emergency lights and sirens).	I	Not Answered	
1436	The system will interface with the AVL application to capture unit data and reflect current unit conditions on the unit icon on the CAD status map.	I	Not Answered	
1437	The system supports AVL playback function for units on a map.	I	Not Answered	
1438	The system will interface with the AVL application to capture unit data to enable the following reports:	I	Not Answered	
1439	• Vehicle activity	I	Not Answered	
1440	• Speed	I	Not Answered	
1441	• Location	I	Not Answered	
1442	• Geofence violations	I	Not Answered	
1443	Supervisor will be notified when violation of Agency protocol on driving is violated (e.g., geofence, speed violation).	I	Not Answered	
	CPE interface			
1444	The system supports an interface to the currently installed remotely hosted Airbus Vesta Customer Premises Equipment (CPE) through an ESnet layer 3 routed service.	I	Not Answered	
1445	The system supports an interface to the currently installed remotely hosted Airbus Vesta Customer Premises Equipment (CPE) through an ESnet layer 2 switched service.	I	Not Answered	
1446	The system supports an interface to the currently installed remotely hosted Airbus Vesta Customer Premises Equipment (CPE) through an ESnet ePipe.	I	Not Answered	
1447	The CAD to CPE interface is able to accept NENA i3 compliant data transfer, when that data is available.	I	Not Answered	
1448	The CAD to CPE interface is able to accept and process call location data in PIDF-LO format, when it becomes available.	I	Not Answered	
1449	The system is capable of accepting emergency call and location data originating with SIP with location conveyance.	I	Not Answered	
1450	The call data based on basic 9-1-1 data is transferred appropriately to CAD call entry form.	I	Not Answered	
1451	The call data based on enhanced 9-1-1 data is transferred appropriately to CAD call entry form.	I	Not Answered	
1452	Call data containing Wireless Phase 1 data is transferred to the CAD call entry form.	I	Not Answered	
1453	Call data containing Wireless Phase 2 data is transferred to the CAD call entry form.	I	Not Answered	
1454	The system accepts X / Y coordinates (e.g., latitude / longitude) for conversion to the closest civic address, address point or common place.	I	Not Answered	
1455	The system is FCC Wireless Phase 2 compliant.	I	Not Answered	
1456	Location rebid can be initiated from CAD by a user.	I	Not Answered	
1457	The system displays the caller location on the CAD Mapping system.	I	Not Answered	
1458	The resultant rebid location data will update the associated incident location and the CAD Mapping system.	I	Not Answered	
	External interface			
1459	The system supports the ability to interface to external databases.	I	Not Answered	
1460	The system supports the ability for the agency to configure and maintain an interface to external systems through a vendor provided tool.	I	Not Answered	
1461	The system has the ability to interface to the Commonwealth of Pennsylvania Justice Network (JNET) portal.	I	Not Answered	
	Knowledge Center (KC) interface			
1462	The system is able to create and export an XML Message datafile to Knowledge Center Incident Management System as requested through a CAD function.	I	Not Answered	
	The KC incident will include, at a minimum:			
1463	• Incident Title	I	Not Answered	
1464	• Incident Category/Type	I	Not Answered	
1465	• Date/time of the incident	I	Not Answered	
1466	• Location	I	Not Answered	
1467	• Description	I	Not Answered	
1468	• CAD Operator ID	I	Not Answered	
1469	• CAD Operator callback number	I	Not Answered	
	Electronic Facsimile (FAX) interface			

ATTACHMENT A - FUNCTIONAL SPECIFICATIONS

Spec ID	Specification Description	Priority	Response	Additional Comments
1470	The system is capable of an interface to a FAX capable application for the purpose of report and event summary distribution.	I	Not Answered	
1471	The FAX distribution capability shall be automatically enabled based on event type and agency.	I	Not Answered	
1472	The FAX distribution capability shall be automatically enabled on dispatch of units/stations, at the discretion of the agency.	I	Not Answered	
1473	The FAX distribution capability shall be automatically enabled on event closure to involved units/stations.	I	Not Answered	
1474	The FAX distribution capability can be manually enabled by the operator.	I	Not Answered	
Law Enforcement Records Management System (LRMS)				
1475	The system is able to fully integrate with In-Synch Law Enforcement RMS.	I	Not Answered	
1476	The integration with LRMS from CAD includes automatic, seamless transfer of event information between CAD and the LRMS.	I	Not Answered	
1477	The system transfers the CAD incident information to LRMS automatically, on incident closure.	I	Not Answered	
1478	The system transfers the CAD incident information to LRMS automatically, when units are initially dispatched.	I	Not Answered	
1479	The system transfers the CAD incident information automatically, when an incident number is assigned.	I	Not Answered	
1480	The RMS Administrator can determine when the CAD incident information is transferred to RMS.	I	Not Answered	
1481	Name information transferred from the CAD system to the RMS will be associated into the Master Name Index of the RMS system	I	Not Answered	
1482	Vehicle information transferred from the CAD system to the RMS will be associated into the Master Vehicle Index of the RMS system	I	Not Answered	
1483	Location information transferred from the CAD system to the RMS will be associated into the Master Location Index of the RMS system	I	Not Answered	
1484	The CAD system provides access to the RMS database for lookup of vehicle information (e.g., Tag, VIN, description) entered in the CAD event record.	I	Not Answered	
1485	The CAD system provides access to the RMS database for lookup of person information (e.g., missing person, warrants, alerts) based on entries in the CAD event record, e.g., name, description, DL.	I	Not Answered	
1486	The CAD system provides access to the RMS database for lookup of locations entered in the CAD event record.	I	Not Answered	
1487	Inquiries initiated from CAD into RMS are returned to the initiating workstation or mobile device.	I	Not Answered	
1488	Inquiries from CAD into RMS are returned to a separate window on the initiating workstation or mobile device.	I	Not Answered	
1489	The CAD workstation operator is notified of a return of an inquiry with a visual and audible alert.	I	Not Answered	
1490	The CAD workstation has the ability to run inquiries on LRMS data.	I	Not Answered	
1491	The results of the LRMS inquiry may be displayed on the terminal, printed on a selected network printer or both.	I	Not Answered	
Logging Recorder interface				
1492	The system is able to establish an interface with a Mercom / Verint Audiolog version 3.30 Logging Recorder.	I	Not Answered	
1493	The system is able to establish an interface with a Mercom / Verint Audiolog version 5 Logging Recorder.	I	Not Answered	
1494	The system is able to establish an interface with an Eventide NexLog 840 Logging Recorder.	I	Not Answered	
1495	The system is able to establish an interface with the County's logging system.	I	Not Answered	
1496	The system is capable of establishing a logging recorder interface to multiple vendors on the same shared CAD system. The CAD system will be designed to share CAD over multiple PSAPs and each PSAP may have a different vendor of Logging Recorder.	I	Not Answered	
1497	The system provides a hyperlink from CAD record in CAD system to the incident record stored on the Logging Recorder.	I	Not Answered	
1498	The system is able to store screen shots of the CAD workstation with the incident record in the Logging Recorder.	I	Not Answered	
1499	The system provides the CAD incident data to the Logging Recorder, identified by the CAD incident number.	I	Not Answered	
1500	The system is capable of attaching Logging Recorder records to the CAD incident record in CAD.	I	Not Answered	
Master clock interface				
1501	The system is capable of establishing a time synchronization interface connection to a PSAP Master Clock.	I	Not Answered	
1502	The system is able to establish the time synchronization interface using an RS-232 serial ASCII communications connection.	I	Not Answered	
1503	The system is able to establish the time synchronization interface using an IRIG communications connection.	I	Not Answered	
1504	The system is able to establish the time synchronization interface using an Ethernet 10/100 Base-T network connection.	I	Not Answered	
1505	The system accepts time codes that utilize Network Time Protocol (NTP).	I	Not Answered	
1506	The system accepts time codes that utilize Simple Network Time Protocol (SNTP).	I	Not Answered	
1507	The system is capable of accepting broadcast time codes from the PSAP Master Clock via the interface connection.	I	Not Answered	
1508	The system is capable of requesting time codes from the PSAP Master Clock via the interface connection.	I	Not Answered	
1509	The system automatically adjusts the time settings for all CAD servers using the time codes from the PSAP Master Clock.	I	Not Answered	
1510	The system automatically adjusts the time settings for all CAD workstations using the time codes from the PSAP Master Clock.	I	Not Answered	
1511	The system maintains a continuous time accuracy of +/- 0.25 seconds relative to the PSAP Master Clock.	I	Not Answered	
1512	The PSAP Master Clock interface conforms to the specifications described in NENA 04-002 v4 or later version of the standards document.	I	Not Answered	
Personnel / Staffing interface				
1513	The system has the ability to interface with a third party personnel scheduling software (e.g., Telestaff).	I	Not Answered	
1514	The system provide a vendor developed personnel scheduling software.	I	Not Answered	
Pictometry				
1515	The system supports an interface with Pictometry data.	I	Not Answered	
1516	The system supports an interface with Pictometry data with counties surrounding the home county.	I	Not Answered	
1517	Pictometry data is included as an overlay with the integrated mapping module.	I	Not Answered	
1518	The system supports the integration of CAD event data with Pictometry orthogonal views.	I	Not Answered	
1519	The system supports the integration of CAD event data with Pictometry oblique views.	I	Not Answered	
1520	The system supports the calculation and display of Pictometry measurement capabilities (e.g., height, distance, angles, location).	I	Not Answered	
1521	The system supports the use of Pictometry annotation tools.	I	Not Answered	
Pre-Arrival Instructions (PAI) interface				
1522	The responses provide the operator with the determination of a event type code.	I	Not Answered	
1523	The PAI will interface with Priority Dispatch ProQA Paramount for Law.	I	Not Answered	
1524	The PAI will interface with Priority Dispatch ProQA Paramount for Medical.	I	Not Answered	
1525	The PAI will interface with Priority Dispatch ProQA Paramount for Fire.	I	Not Answered	
1526	The system can interface with a third party pre-arrival instructions software (e.g., Priority Dispatch)	I	Not Answered	
1527	The system provides for the development, entry and maintenance pre-arrival instructions by an Agency which is internal to the system.	I	Not Answered	
1528	An Agency can create pre-arrival instructions based on Agency's SOPs.	I	Not Answered	
1529	Agency created pre-arrival instructions are based on event type code.	I	Not Answered	
1530	The system will select an Agency created pre-arrival instructions when the event type code is entered.	I	Not Answered	
1531	Dialog and response associated with the PAI are stored with the event record.	I	Not Answered	
ePCR				
1532	The system provides the capability to complete Patient Care Reports (PCR's) in the field.	I	Not Answered	
1533	CAD event data will be available for transfer to the ePCR system for use by the PCR system to populate CAD related fields in the PCR.	I	Not Answered	
1534	The CAD event data is available for transfer to the ePCR system while the event is active or closed.	I	Not Answered	
Quality Assurance / Quality Improvement				
1535	All event record data is available for export to a QA application (e.g., Priority Dispatch AQUA).	I	Not Answered	

ATTACHMENT A - FUNCTIONAL SPECIFICATIONS

Spec ID	Specification Description	Priority	Response	Additional Comments
1536	All event record data is available for export to a COTS application for reporting (e.g., SAP Crystal Reports).	I	Not Answered	
1537	The proposed system provides a QA module. If comply, describe the system.	I	Not Answered	
1538	A QA / QI module must comply with the most recently approved Quality Assurance Program from the National Academies of Emergency Dispatch.	I	Not Answered	
Household Emergency Information external database interface				
1539	The system supports the ability to interface to a household emergency information external database (e.g., SMART911), if available.	I	Not Answered	
1540	The system has the ability to accept and process the household emergency information data if available.	I	Not Answered	
1541	The system will present the household emergency information data provided to the dispatcher in a view only mode.	I	Not Answered	
1542	The system has the ability to attach the household emergency information data provided to the event record.	I	Not Answered	
Telephone Device for the Deaf interface				
1543	The system supports an interface to a TDD device.	I	Not Answered	
1544	The system attaches the TDD dialog to the event record.	I	Not Answered	
1545	The TDD interface window displays the caller and the Emergency Call Taker's conversation separately as it takes place (real-time).	I	Not Answered	
1546	The TDD interface window displays the caller and the Emergency Call Taker's conversation as different colors of text.	I	Not Answered	
1547	The TDD interface window contains all the user pre-programmable messages grouped into related categories.	I	Not Answered	
Real Time Live Video (RTLTV)				
1548	The mobile environment is capable of real-time live video interface.	I	Not Answered	
1549	The RTLTV component is capable of video delivery without buffering.	I	Not Answered	
1550	The RTLTV component adapts to situational bandwidth availability.	I	Not Answered	
1551	The RTLTV component allows video sharing among fixed resources and mobile clients.	I	Not Answered	
1552	The RTLTV component adapts to hardware capabilities of the mobile client.	I	Not Answered	
1553	The RTLTV component supports private, third-party sources.	I	Not Answered	
Radio system interface				
1554	The system will interface with the Motorola CENTRACOM Gold Elite radio console.	I	Not Answered	
1555	The system will interface with the Moducom Ultracom radio console.	I	Not Answered	
1556	As a shared system, the system will interface with the radio console vendor used at the PSAP hosting the instance of the CAD, with the ability to share the data from that interface across the shared CAD system.		Not Answered	
1557	The system will accept data through the radio interface supports the ability to interface with GPS enabled portable radios that include messaging capabilities.	I	Not Answered	
1558	The GPS data from the portable radio provided through the radio interface is used by CAD for positioning and display on the integrated CAD map.		Not Answered	
1559	The GPS data from the portable radio will be used by CAD to display its current GPS position on the map.		Not Answered	
1560	The system is able to send alerts and alarms over the radio.	I	Not Answered	
1561	The system will obtain the assigned channel / talk group from the radio system and display and store the assigned channel / talkgroup with the event record. The assignment will be displayed to the dispatcher.	I	Not Answered	
1562	Through the radio console interface is capable of displaying the unit radio callsign (Push-to-Talk) on the CAD monitor screen when the field unit depresses the transmit key.	I	Not Answered	
1563	On activation of the field radio emergency button function, the radio console interface provides the field unit's radio callsign and last known location to all CAD dispatch group workstations.	I	Not Answered	
Alphanumeric / Text paging				
1564	The system supports alphanumeric / text paging.	I	Not Answered	
1565	• On dispatch based on event status		Not Answered	
1566	• Based on event status	I	Not Answered	
1567	• Based on event type	I	Not Answered	
1568	• Based on priority	I	Not Answered	
1569	• Based on stations	I	Not Answered	
1570	• Based on agency	I	Not Answered	
1571	The data contained in the alphanumeric / text page of an event includes:			
1571	• incident number	I	Not Answered	
1572	• incident type	I	Not Answered	
1573	• location	I	Not Answered	
1574	• common place name, if exists	I	Not Answered	
1575	• community / municipality	I	Not Answered	
1576	• units dispatched	I	Not Answered	
1577	• narrative	I	Not Answered	
1578	The format of the alphanumeric / text page is configurable by the agency sending the page.	I	Not Answered	
1579	The alphanumeric / text paging system supports paging to groups.	I	Not Answered	
1580	The system supports sending text based updates based on event status (e.g., dispatch, unit recall, working fire).	I	Not Answered	
1581	The system supports alphanumeric / text paging from the command line.	I	Not Answered	
1582	The system supports alphanumeric / text paging by employee ID.	I	Not Answered	
1583	The system supports alphanumeric / text paging by unit ID.	I	Not Answered	
1584	The system supports alphanumeric / text paging using pre-programmed text.	I	Not Answered	
1585	The system supports alphanumeric / text paging using free text.	I	Not Answered	
1586	The system supports alphanumeric / text paging to all units of an event.	I	Not Answered	
1587	The system supports creating alphanumeric / text page groups based on call type, by municipality.	I	Not Answered	
1588	The system logs all paging activity with the associated event.	I	Not Answered	
1589	The system supports the delivery of the alphanumeric / text page to a fax device.	I	Not Answered	
1590	The system supports the delivery of the alphanumeric / text page in the form of an e-mail message.	I	Not Answered	
1591	The system supports the delivery of the alphanumeric / text page in the form of a text message to a cell phone enabled for text messaging.	I	Not Answered	
1592	The system supports the delivery of the alphanumeric / text page in the form of a message to an internet enabled mobile device.	I	Not Answered	
1593	The system supports the TAP protocol.	I	Not Answered	
1594	The system supports the SMTP protocol.	I	Not Answered	
1595	The system supports SMS protocol.	I	Not Answered	
1596	The system allows for a CAD-initiated page to require an acknowledgement.	I	Not Answered	
Toning and Paging				
1597	The system provides an interface with the existing radio console to perform tone alert paging, if the capability exists in the radio system.	I	Not Answered	
1598	With a regional shared CAD system, the system will interface with the radio console of each PSAP to perform tone alert paging.	I	Not Answered	
1599	The system is capable of initiating tone alerting of units using the two tone sequential alerting method.		Not Answered	
1600	The system is capable of initiating tone alerting of stations using the two tone sequential alerting method.		Not Answered	
1601	The system is capable two tone alerting for both stations and units as required by an Agency.		Not Answered	
1602	The system is capable two tone alerting for both stations and units as required by an Agency.		Not Answered	
1603	The system provides an interface with a dedicated programmable encoder to perform tone alert paging, if the capability exists in the radio system.	I	Not Answered	
1604	The tone alert interface will issue tone alert commands from CAD automatically:	I	Not Answered	
1605	• Based on event type	I	Not Answered	

ATTACHMENT A - FUNCTIONAL SPECIFICATIONS

Spec ID	Specification Description	Priority	Response	Additional Comments
1606	<ul style="list-style-type: none"> Based on units dispatched 	I	Not Answered	
1607	<ul style="list-style-type: none"> Based on station due 	I	Not Answered	
1608	<ul style="list-style-type: none"> Based on any combination of the above conditions. 	I	Not Answered	
	When the system is interfaced with a toning/paging system, the following features are available:			
1609	<ul style="list-style-type: none"> Automatic and manual dispatch notification (toning). 	I	Not Answered	
1610	<ul style="list-style-type: none"> Visual indication of when Public Announcement (PA) systems are activated for broadcasts during toning sequences 	I	Not Answered	
1611	<ul style="list-style-type: none"> Manual control of Fire station bay doors and other toning system devices 	I	Not Answered	
1612	<ul style="list-style-type: none"> Automatic resetting of status lights on the control panels of the toning/paging systems 	I	Not Answered	
1613	The Tone Alerting interface can require the operator or approve the tones to be issued prior to sending tones so the dispatcher can make the determination to send tones.	I	Not Answered	
1614	When multiple sets of tones are required to alert multiple stations / units, the system will stack the tones and sequentially issue the tones automatically.		Not Answered	
1615	The Tone Alerting interface allows the tone encoding of a station/unit from the command line (e.g., "ENCODE ENG1").	I	Not Answered	
1616	The Tone Alerting interface recognizes recommended multiple station/units with identical tones (such as multiple units from a single station) and only sends a single set of tones for those units. For example, 1) when Engine 11 and Truck 11 from Station 1 are selected for dispatch, a single set of tones will be sent to alert Station 1; 2) when an additional unit, Engine 12 from Station 1 is added to the call, additional tones will not be issued for Station 1.	I	Not Answered	
1617	The tone alerting interface provides the capability for tone signaling to initiate and monitor the paging progress for call notification of responding personnel.	I	Not Answered	
1618	The system provides a method to allow the training module to simulate the function of the tone alerting interface, providing feedback but not actually performing activations.	I	Not Answered	
1619	The tone alerting interface capable of operation in live, test and training modes simultaneously.	I	Not Answered	
	State / NCIC interface			
	The system supports the following transactions to the Pennsylvania State Police Commonwealth Law Enforcement Assistance Network (CLEAN) and NCIC data systems:			
1620	<ul style="list-style-type: none"> Vehicle Registration 	I	Not Answered	
1621	<ul style="list-style-type: none"> Drivers License (DL) 	I	Not Answered	
1622	<ul style="list-style-type: none"> Vehicle Identification Number (VIN) 	I	Not Answered	
1623	<ul style="list-style-type: none"> Social Security Number (SSN) 	I	Not Answered	
1624	<ul style="list-style-type: none"> Wanted persons 	I	Not Answered	
1625	<ul style="list-style-type: none"> Warrants 	I	Not Answered	
1626	<ul style="list-style-type: none"> Criminal History 	I	Not Answered	
1627	The system automatically executes the CLEAN and NCIC inquiry based on information entered during events. For example, when a license plate and/or name entered into the proper fields of an incident, or from the command line, the CAD system is able to perform automatic NCIC queries on the information.	I	Not Answered	
1628	The system meets applicable CJIS requirements, described in the Criminal Justice Information Services Security Policy, version 5.4, dated 7/13/2012 (CJISD-ITS-DOC-08140-5.4) and updated versions approved by U.S. Department of Justice.	I	Not Answered	
1629	The function is capable of utilizing Advanced Authentication security protocols.	I	Not Answered	
1630	The system allows access to the CLEAN / NCIC inquiry function is based on operator and terminal authentication.	I	Not Answered	
1631	The system provides the capability of Single Sign On (SSO) which is capable of coordinating logon attributes between CAD logon, NCIC logon and logon to other external system that require a separate logon	I	Not Answered	
1632	The CLEAN / NCIC interface meets all applicable security protocols for access, storage, retrieval and reporting.	I	Not Answered	
1633	Returns from the CLEAN / NCIC inquiry can be attached to the CAD event record.	I	Not Answered	
1634	The system will scan returned CLEAN / NCIC inquiry, highlighting certain key words (e.g., "wanted person," "stolen vehicle").	I	Not Answered	
1635	The list of words to be highlighted can be entered and maintained by an Agency.	I	Not Answered	
1636	An audit log is maintained for each successful and unsuccessful CLEAN / NCIC inquiry request.	I	Not Answered	
1637	<ul style="list-style-type: none"> The audit log meets CLEAN and NCIC (CJIS) requirements. 	I	Not Answered	
1638	<ul style="list-style-type: none"> The log is permanently stored. 	I	Not Answered	
1639	<ul style="list-style-type: none"> The log records are searchable and reportable. 	I	Not Answered	
	Law Enforcement contact tracking			
1640	The system provides the capability of tracking Law Enforcement contact with citizens.	I	Not Answered	
	The following parameters can be captured as part of the tracking entry:			
1641	<ul style="list-style-type: none"> race / ethnicity 	I	Not Answered	
1642	<ul style="list-style-type: none"> sex 	I	Not Answered	
1643	<ul style="list-style-type: none"> age 	I	Not Answered	
1644	<ul style="list-style-type: none"> probable cause 	I	Not Answered	
1645	<ul style="list-style-type: none"> arrests 	I	Not Answered	
1646	<ul style="list-style-type: none"> citation 	I	Not Answered	
1647	<ul style="list-style-type: none"> search conducted 	I	Not Answered	
1648	<ul style="list-style-type: none"> findings / comments 	I	Not Answered	
1649	Data may be entered by any authorized operator at a workstation or mobile device.	I	Not Answered	
1650	Data may be attached to the currently active event of the user entering the event by the user entering the data.	I	Not Answered	
	Mobile Data interface			
1651	The mobile data interface provides the incident data from CAD to the mobile device associated to the unit dispatched to an incident.	I	Not Answered	
1652	The system is capable of interfacing to InterAct mobile data system.	I	Not Answered	
1653	The CAD operator with responsibility of a mobile data unit has the ability to log off the mobile data device.	I	Not Answered	
1654	The system provides a method of allowing unit capabilities to be specified at Mobile Device log on.	I	Not Answered	
1655	The system provides a method of changing the unit capabilities (e.g., unit type, station assignment, manpower updates) from the Mobile Device without logging off.	I	Not Answered	
1656	The system is able to restrict specific actions based on user designation (e.g., firefighter, police officer, sergeant, supervisor, Chief). These should include, add comment to call, access to any form or function, self-dispatch, user-initiated calls.	I	Not Answered	
1657	The system supports the ability to update the CAD unit status via the Mobile Device interface.	I	Not Answered	
1658	The system supports mapping on the Mobile Device.	I	Not Answered	
1659	The system supports mapping functionality on the Mobile Device identical to that of the CAD workstation.	I	Not Answered	
1660	The system supports printing from the Mobile Device to any printer available on the network.	I	Not Answered	
1661	The system supports printing from the Mobile Device to a locally attached printer (e.g., in-vehicle).	I	Not Answered	
1662	Print jobs initiated from the Mobile Device will be logged.	I	Not Answered	
1663	The Mobile Device print log is available for use in reports.	I	Not Answered	
1664	The Mobile Device print log can be printed.	I	Not Answered	
1665	The system supports sending and receiving messages between CAD workstations and Mobile Devices.	I	Not Answered	
1666	The system supports messaging between Mobile Devices.	I	Not Answered	
1667	The mobile application is capable of text to voice translation of messages and routing.	I	Not Answered	
1668	The mobile application provides for day and night time modes of illumination.	I	Not Answered	
1669	The system provides a method of allowing an authorized agency user to send alerts and IM to any individual mobile device, group or combination of groups of mobile devices under the control of that agency.	I	Not Answered	

ATTACHMENT A - FUNCTIONAL SPECIFICATIONS

Spec ID	Specification Description	Priority	Response	Additional Comments
1670	The system supports the ability to perform bi-directional communications and inquiries between CAD and the Mobile Device.	I	Not Answered	
1671	The system supports the transport of location data (AVL) from the Mobile Device to CAD.	I	Not Answered	
1672	The system supports adjustable frequency of AVL location data refresh based on unit status, defined by an Agency.	I	Not Answered	
1673	The system supports AVL location positioning on the mobile device mapping feature.	I	Not Answered	
1674	The system supports the use of an Emergency Button on the Mobile Device, notifying CAD workstations of a situation requiring urgent attention.	I	Not Answered	
1675	The activation of the Emergency Button on the Mobile Device causes the CAD system to send an alert message to dispatching group CAD workstations associated to the Mobile Device as determined by an Agency.	I	Not Answered	
1676	The emergency alert message will display the identity of the Mobile Device and current known location.	I	Not Answered	
1677	The alert message requires acknowledgment of the CAD workstation operator, which will silence the alert.	I	Not Answered	
1678	The alert message will include audible (optional using system configuration) and visual indicators.	I	Not Answered	
	The system provides audible notification of receipt of, but not limited to, the following:			
1679	• dispatched event	I	Not Answered	
1680	• message from dispatch	I	Not Answered	
1681	• DMV / NCIC hit	I	Not Answered	
1682	• event as determined by an Agency	I	Not Answered	
1683	The system uses audible message(s) to help users process information.	I	Not Answered	
1684	The system support an Out of Vehicle function.	I	Not Answered	
1685	For Out of Vehicle functionality, a button is provided for a mobile user to set Out of Vehicle mode.	I	Not Answered	
1686	For Out of Vehicle functionality, a notification is sent to dispatch when unit set to Out of Vehicle mode.	I	Not Answered	
1687	The Mobile Data interface complies with Commonwealth of Pennsylvania PA CLEAN, NCIC and CJIS security requirements, including Advanced Authentication.	I	Not Answered	
1688	The system supports access to NCIC databases, enabling all required security.	I	Not Answered	
1689	The mobile data interface supports communication via wireless commercial carrier.	I	Not Answered	
1690	The mobile data interface supports communication via County owned RF based system.	I	Not Answered	
1691	Mobile must allow for various broadband connectivity using commercial carrier(s) and associated functional aspects of them in the field (e.g., aircard, hotspot, Wi-Fi).	I	Not Answered	
1692	All synchronization and connection to server must be seamless to user.	I	Not Answered	
1693	The mobile data interface supports roaming communication between the Mobile Device and the CAD. The connection between CAD and the Mobile Device is maintained and does not require the Mobile Device to re-login as the unit moves between communication coverage areas.	I	Not Answered	
1694	No user intervention required to sync mobile database to server once connectivity is reacquired.	I	Not Answered	
1695	The system supports the ability for mobiles to seamlessly roam across available wireless networks.	I	Not Answered	
1696	The system supports CAD data inquiry from the Mobile Device, such as:	I	Not Answered	
1697	• query active incidents	I	Not Answered	
1698	• query pending incidents	I	Not Answered	
1699	• query premises alerts	I	Not Answered	
1700	• query closed incidents	I	Not Answered	
1701	• inquiries to NCIC and CJIS databases	I	Not Answered	
1702	• inquiries to PA CLEAN databases	I	Not Answered	
1703	Device functionality can be restricted by discipline, i.e., access to law enforcement functions can be restricted to devices under the control of a law enforcement agency.	I	Not Answered	
1704	The system provides a method of restricting the return of query results to data related to the agency of the requestor. For example, return information from NCIC will not route to a non-Law Enforcement device.	I	Not Answered	
1705	The Mobile Data module is capable of utilizing Advanced Encryption Standard (AES) without degradation of system throughput.	I	Not Answered	
1706	The system shall utilize, at a minimum, end-to-end 256 bit encryption.	I	Not Answered	
1707	The system allows the sharing of information (e.g., events, unit history) between agencies.	I	Not Answered	
1708	Logging into mobile client requires, at a minimum, user name and password verification within the mobile systems server.	I	Not Answered	
1709	The mobile system will utilize Advanced Authentication security measures.	I	Not Answered	
1710	Security for the mobile data system access, function authorization capabilities is maintained by each Agency.	I	Not Answered	
1711	Updates to the mobile client can be pushed to the Mobile Device to avoid the requirement of physically accessing each unit.	I	Not Answered	
1712	Updates to the mobile device software can be pushed to the Mobile Device to avoid the requirement of physically accessing each unit.	I	Not Answered	
1713	The mobile application / device is capable of an interface with JNET for log in and access to:	I	Not Answered	
1714	• Administrative Office of PA Courts Unified Judicial System Portal	I	Not Answered	
1715	• Crime Network (cNET)	I	Not Answered	
1716	• Department of Conservation and Natural Resources registration information	I	Not Answered	
1717	• Department of Health birth records	I	Not Answered	
1718	• PA Child Support Enforcement System (PACSES) portal	I	Not Answered	
1719	• Department of Human Services	I	Not Answered	
1720	• Electronic Reporting Statistics	I	Not Answered	
1721	• JNET Photo search	I	Not Answered	
1722	• JNET Warrant search	I	Not Answered	
1723	• JNET Address search	I	Not Answered	
1724	• JNET Background check	I	Not Answered	
1725	• JNET Facial Recognition System (JFRS)	I	Not Answered	
1726	• Juvenile Tracking System	I	Not Answered	
1727	• Law Enforcement Information System (LEJIS)	I	Not Answered	
1728	• JNET notifications	I	Not Answered	
1729	• PA Commission on Crime and Delinquency portal	I	Not Answered	
1730	• PennDOT databases	I	Not Answered	
1731	• Pre-Sentence Investigation (PSI) Index	I	Not Answered	
1732	• PA Coalition Against Domestic Violence PFA database	I	Not Answered	
1733	• PA State Police CLEAN portal	I	Not Answered	
1734	• Sentencing Guidelines Software (SGS Web)	I	Not Answered	
1735	• Web Commonwealth Photo Imaging Network (CPIN)	I	Not Answered	
1736	The mobile application / device is capable of an interface with JNET for inquiry.	I	Not Answered	
1737	The mobile application is capable of accessing file downloads from hotspot connection.	I	Not Answered	
1738	The mobile application is capable of accessing file downloads from Wi-Fi connection.	I	Not Answered	
1739	The mobile application is capable of accessing file downloads from Ethernet connection.	I	Not Answered	
	The system supports, at a minimum, the following user equipment options:			
1740	• Removable vehicle mounted laptop computers using vehicle mounted radio modems and radios.	I	Not Answered	
1741	• Portable hand-held data terminals using radio modems and portable radios.	I	Not Answered	
1742	• Status/Message terminals using radio modems and mobile radios.	I	Not Answered	
1743	• Portable printers	I	Not Answered	
1744	The mobile client application automatically logs out a user when there has been no user activity for an Agency Administrator(s) determined interval.	I	Not Answered	

ATTACHMENT A - FUNCTIONAL SPECIFICATIONS

Spec ID	Specification Description	Priority	Response	Additional Comments
1745	The mobile interface with CAD will log inbound requests to the interface and outbound commands from the interface.	I	Not Answered	
1746	The system will provide an indicator to the CAD for display on the status monitor if the mobile data device is operational.	I	Not Answered	
Network				
1747	The internal network and connections to external networks provided through this procurement meets CJS and Commonwealth of Pennsylvania PA CLEAN security requirements.	I	Not Answered	
1748	The external network will be the Region 13 ESInet. The proposed system will utilize the ESInet for connections between PSAPs that are a member of this procurement.		Not Answered	
1749	The network provided through this procurement is firewalled from external access.	I	Not Answered	
1750	The network provided through this procurement is IP based.	I	Not Answered	
1751	The network provided through this procurement utilizes MS Active Directory management tools.		Not Answered	
1752	The network provided through this procurement interfaces with the local agency MS Active Directory domain.		Not Answered	
Browser based interface				
1753	The system supports a browser based interface from remote workstations to CAD.	I	Not Answered	
1754	The browser based access to CAD can be restricted to Inquiry only.	I	Not Answered	
1755	The browser based access to CAD can be restricted to View only.	I	Not Answered	
1756	The browser based access can be restricted to only access to data warehouse.	I	Not Answered	
1757	The browser based access to CAD can be restricted to only view event and status monitors.	I	Not Answered	
1758	The browser based interface utilizes the user-associated, CJS compliant security as network based clients.	I	Not Answered	
Testing software updates and patches				
1759	The system will be capable of testing all vendor provided updates and patches prior to implementation of the live system.	I	Not Answered	
1760	The system used for testing is equivalent to the live system.	I	Not Answered	
1761	Testing updates and patches will not impact the live system. The testing can operate concurrently with the live system without system degradation.	I	Not Answered	
1762	The testing system can be physically separate from the live system.	I	Not Answered	
1763	The testing system can operate independently for each Agency without effecting the other Agency.	I	Not Answered	
1764	The selection of a workstation working with either the live or test system is performed at the workstation.	I	Not Answered	
1765	The testing system will be able to stay current with the versions of all components of the live system. An Agency is able to perform the functions to synchronize the live and testing systems.	I	Not Answered	
1766	The testing system can be updated and restarted without impacting the live system.	I	Not Answered	
1767	an Agency will have full control of the maintenance of the testing system.	I	Not Answered	
1768	The testing system be set up at a location remote from the primary PSAP.	I	Not Answered	
Training				
1769	The system used for training is equivalent to the live system.	I	Not Answered	
1770	The vendor will provide system operation training to all Agency operators of the system.	I	Not Answered	
1771	The vendor will provide system administration training to Agency defined administrators of the system.	I	Not Answered	
1772	The vendor will provide training to Agency defined personnel designated as trainers of the system for Train the Trainer.	I	Not Answered	
1773	The vendor will provide GIS training to Agency defined personnel designated as GIS administrators.	I	Not Answered	
1774	Operating the training system will not impact the live system.	I	Not Answered	
1775	The training system can operate concurrently with the live system without system response degradation.	I	Not Answered	
1776	The selection of a workstation working with either the live or training system is performed at the workstation.	I	Not Answered	
1777	The workstation can be switched between the training and live system without impacting the live system.	I	Not Answered	
1778	The training system is capable of training on the full suite of CAD functions.	I	Not Answered	
1779	The training system can be physically separate from the live system.	I	Not Answered	
1780	Web based training for the system and components is available.	I	Not Answered	
1781	The training system will stay current with the versions of all components of the live system. An Agency is able to perform the functions to synchronize the live and training systems.	I	Not Answered	
1782	An Agency can clear all incidents from training databases and reset the incident and case numbering sequences.	I	Not Answered	
1783	The training system can be updated and restarted without impacting the live system.	I	Not Answered	
1784	Training documentation will be provided by the Vendor.	I	Not Answered	
1785	Training documentation will be provided in hard copy and electronic format.	I	Not Answered	
1786	The training documentation provided by the Vendor can be edited / customized by an Agency.	I	Not Answered	
1787	The Vendor provides a training system simulation module.	I	Not Answered	
1788	System will operate with a Third Party simulation application.	I	Not Answered	
1789	The training system will accept a dump of live data from CAD to facilitate training for the purpose of working with historic data.	I	Not Answered	
1790	The training system can be set up at a location remote from the primary PSAP.	I	Not Answered	
1791	The training system can be operated and maintained from remote location.	I	Not Answered	
Performance Metrics				
	The system response times for the following actions are less than 1 second of elapsed time 90% of the time. These actions are performed in less than 3 seconds 100% of the time.			
1792	● Display blank event entry form	I	Not Answered	
1793	● Assign a single unit to an event	I	Not Answered	
1794	● Change a single unit's status	I	Not Answered	
1795	● Clear a single unit from an event	I	Not Answered	
1796	● Verification of a unique address	I	Not Answered	
1797	● Return a list of possible address matches when an address can not be uniquely verified with the information entered	I	Not Answered	
1798	● Provide unit recommendation based on uniquely verified address	I	Not Answered	
1799	● Assign up to 10 units to an event from a single command	I	Not Answered	
	The system response times for the following actions are less than 2 seconds of elapsed time 90% of the time. These actions are performed in less than 4 seconds 100% of the time.			
1800	● Display a closed event queried by event number	I	Not Answered	
1801	● Sending of a CAD-to-CAD Message, 80 Characters	I	Not Answered	
1802	● Sending a CAD-to-Unit Dispatch Message	I	Not Answered	
1803	● Retrieve message	I	Not Answered	
1804	● Display of Premises/Hazard File Data	I	Not Answered	
1805	● Display a unit history queried for a unit ID for a single shift	I	Not Answered	
1806	● Center map location on CAD event	I	Not Answered	
MIS – CAD system reporting				
1807	All stored information is available for inquiry and reporting.	I	Not Answered	
1808	The system provides formatted inquiry forms that can be tailored to a specific use.	I	Not Answered	
1809	Inquiry forms can utilize short cut codes. For example, P for person, in which only the specific fields are used; or the code VIN will only use the VIN, vehicle year, vehicle make and state fields; and a V code (vehicle) will have license, license year, etc. plus the VIN fields.	I	Not Answered	
	At a minimum, the system provides the ability to create an inquiry and report using any, some or all of the following information:			
1810	● Alarm type and alarm company code	I	Not Answered	
1811	● All associated geofile information	I	Not Answered	
1812	● ANI/ALI data including address and phone number	I	Not Answered	

ATTACHMENT A - FUNCTIONAL SPECIFICATIONS

Spec ID	Specification Description	Priority	Response	Additional Comments
1813	● Available mobile to available at station	I	Not Answered	
1814	● Available mobile to unavailable	I	Not Answered	
1815	● Business or premises name	I	Not Answered	
1816	● Call-Taker/Dispatcher ID	I	Not Answered	
1817	● Comments/narrative (unlimited)	I	Not Answered	
1818	● Commonplace name (e.g., parks, streets, schools)	I	Not Answered	
1819	● Date and time call received by 911	I	Not Answered	
1820	● Date and time incident entered	I	Not Answered	
1821	● Date and time of held incidents	I	Not Answered	
1822	● Date range	I	Not Answered	
1823	● Disposition	I	Not Answered	
1824	● Geographical areas defined by the user	I	Not Answered	
1825	● Event number	I	Not Answered	
1826	● Event type	I	Not Answered	
1827	● Event type/priority	I	Not Answered	
1828	● Location address, description, supplemental location	I	Not Answered	
1829	● On-scene to close of call by officer who arrive at scene	I	Not Answered	
1830	● On-scene to transporting	I	Not Answered	
1831	● Premises and prior information flag	I	Not Answered	
1832	● Premises type (e.g., building, location, person)	I	Not Answered	
1833	● Priority	I	Not Answered	
1834	● Reporting areas	I	Not Answered	
1835	● Reporting party information, including name, address and phone	I	Not Answered	
1836	● Reporting zone	I	Not Answered	
1837	● Responding to on-scene	I	Not Answered	
1838	● Source (e.g., 911 or 10-digit, radio, other codes as defined by PPD)	I	Not Answered	
1839	● Time range (any time-stamped event to any other time-stamped event)	I	Not Answered	
1840	● Unit/officer ID	I	Not Answered	
1841	● Operator name and ID of all operators associated with the incident	I	Not Answered	
1842	● Workstation ID associated with all CAD functions performed on incident	I	Not Answered	
	At a minimum, the system provides the ability to query and print the following incident details:			
1843	● Incident entry or incident number	I	Not Answered	
1844	● Date/time received	I	Not Answered	
1845	● Reporting zone	I	Not Answered	
1846	● Activity code/incident type	I	Not Answered	
1847	● Location or partial location	I	Not Answered	
1848	● All incidents in a geographical region defined by the user	I	Not Answered	
1849	● All incidents within a radius for a specified location	I	Not Answered	
1850	● Priority	I	Not Answered	
1851	● Reporting party/complainant/caller name	I	Not Answered	
1852	● Phone number	I	Not Answered	
1853	● Narrative	I	Not Answered	
1854	● Vehicle description	I	Not Answered	
1855	● License plate	I	Not Answered	
1856	● Cancelled call	I	Not Answered	
1857	● Disposition	I	Not Answered	
1858	● Officers/units assigned	I	Not Answered	
1859	● Time dispatched	I	Not Answered	
1860	● Enroute time	I	Not Answered	
1861	● On-scene time	I	Not Answered	
1862	● Available time	I	Not Answered	
1863	● Officer reporting	I	Not Answered	
1864	● All Calltaker/Dispatchers handling the incident	I	Not Answered	
1865	● Any time-stamped event	I	Not Answered	
1866	● Changes made to data fields (as determined by an Agency)	I	Not Answered	
1867	● The results of the inquiry or report is able to be printed at any available network printer.	I	Not Answered	
1868	● The results of the inquiry or report is able to be printed at any locally attached printer.	I	Not Answered	
1869	● The system allows print preview prior to printing.	I	Not Answered	
1870	● Access to stored information is restricted based on log on role and agency.	I	Not Answered	
1871	● The reports writing package is capable of creating reports across all modules.	I	Not Answered	
	Search criteria will include:			
1872	● Exact match	I	Not Answered	
1873	● Partial match (wild cards)	I	Not Answered	
1874	● A range of values	I	Not Answered	
1875	● Delimiters for each field type	I	Not Answered	
1876	● Any combination of criteria	I	Not Answered	
	Information can be displayed by:			
1877	● Workstation ID	I	Not Answered	
1878	● Operator ID	I	Not Answered	
1879	● Shift	I	Not Answered	
1880	● Hour of the day	I	Not Answered	
1881	● Day of the week	I	Not Answered	
1882	● Monthly	I	Not Answered	
1883	● Quarter	I	Not Answered	
1884	● Annual	I	Not Answered	
1885	● Operator specified date range	I	Not Answered	
1886	● Event type	I	Not Answered	
1887	● Priority	I	Not Answered	
1888	● Unit ID	I	Not Answered	
1889	● Location	I	Not Answered	
1890	● Common Place name	I	Not Answered	
1891	● Execution of reports and inquiries have no impact on the performance of CAD operations.	I	Not Answered	
1892	● All data tables are available for inquiry and reports (e.g., registered operators, units).	I	Not Answered	
1893	● The system is able to print audit report of changes to event records, which include the following:	I	Not Answered	
1894	● Date/time of change	I	Not Answered	
1895	● Workstation/terminal ID	I	Not Answered	
1896	● Call-Taker/Dispatcher ID	I	Not Answered	
1897	● Transaction type (deletion, edit, etc.)	I	Not Answered	
1898	● Field modified (saving previous information)	I	Not Answered	
1899	● Event location	I	Not Answered	
1900	● Actual dispatch location	I	Not Answered	
1901	● All audit logs are available for inquiry and reports.	I	Not Answered	
1902	● The system allows operator defined inquiries, i.e., ad hoc inquiries.	I	Not Answered	

ATTACHMENT A - FUNCTIONAL SPECIFICATIONS

Spec ID	Specification Description	Priority	Response	Additional Comments
1903	● The system can save, store and reuse Agency developed inquiries and report formats.	I	Not Answered	
1904	● Standard reports are provided by the vendor.	I	Not Answered	
	The system is able to generate the following standard reports:			
1905	● Activity analysis by day of week	I	Not Answered	
1906	● Activity analysis by geographic area or any agency-defined layer	I	Not Answered	
1907	● Activity analysis by hour of day	I	Not Answered	
1908	● Activity analysis by shift	I	Not Answered	
1909	● Incidents – active by geographic area by hour of day	I	Not Answered	
1910	● Incidents – closed by geographic area by hour of day	I	Not Answered	
1911	● Response time by method of receipt	I	Not Answered	
1912	● Response times by geographic area	I	Not Answered	
1913	● Response times by type of call/priority	I	Not Answered	
1914	● Total and average time on call – by day of week	I	Not Answered	
1915	● Total and average time on call - by geographic area	I	Not Answered	
1916	● Total and average time on call - by hour of day	I	Not Answered	
1917	● Total calls for service by date by nature or disposition	I	Not Answered	
1918	● Total incidents by date by nature or disposition	I	Not Answered	
1919	● Total reports by date by disposition	I	Not Answered	
1920	● Agency-defined query	I	Not Answered	
1921	● Standard Incident Detail Report by a single command, that includes all data associated with a specific incident.	I	Not Answered	
1922	● Chronological incident and/or incident report listing	I	Not Answered	
1923	● Daily listing of incidents and officers assigned including:	I	Not Answered	
1924	● Incident number	I	Not Answered	
1925	● Unit ID	I	Not Answered	
1926	● Officer name (if available)	I	Not Answered	
1927	● Officer ID	I	Not Answered	
1928	● Disposition	I	Not Answered	
1929	● Location	I	Not Answered	
1930	● Date/time received	I	Not Answered	
1931	The system provides the ability for an Agency to define, store and maintain report templates as needed to standardize report formats.	I	Not Answered	
1932	The system provides the ability for an Agency to edit the report templates that are provided by the vendor and included with the system.	I	Not Answered	
1933	The system displays a list or menu of all stored or vendor provided reports.	I	Not Answered	
1934	The system uses COTS report generation applications for inquiry and reporting (e.g., Crystal Reports).	I	Not Answered	
1935	Vendor and Agency created reports can be scheduled for execution and distribution (e.g., daily log reports scheduled for electronic distribution).	I	Not Answered	
1936	Inquiry results can be viewed, printed and/or exported in an operator defined format.	I	Not Answered	
1937	The system includes the capability of redacting sensitive or confidential information prior to release to the public or for use outside of an Agency.	I	Not Answered	
1938	Inquiry results can be attached to an event record.	I	Not Answered	
1939	Results of inquiries and reports can be converted to Adobe Acrobat .PDF files	I	Not Answered	
1940	The resulting data can be converted to CSV format exportable files.	I	Not Answered	
1941	Results can be exported to other software applications (e.g., MS Excel, Word).	I	Not Answered	
1942	Results can be formatted and exported to intranet and internet web sites for publication.	I	Not Answered	
1943	The system will scan returned inquiry, highlighting certain key words (e.g., "wanted person," "stolen vehicle").	I	Not Answered	
1944	The list of words to be highlighted in the returned inquiry can be entered and maintained by an Agency.	I	Not Answered	
1945	The system is able to perform statistical analysis of CFS.	I	Not Answered	
1946	Report and inquiry results can be printed to any CAD system defined printer.	I	Not Answered	
1947	Report and inquiry results can be distributed via electronic means: email or fax.	I	Not Answered	
1948	Report and inquiry results can be saved.	I	Not Answered	
	Media Report			
1949	The system allows an operator to create a summary report (Media Report) listing of all events entered for a time period determined by the operator.	I	Not Answered	
1950	The system will automatically generate the Media Report for all events entered in the system for a time period specified by the system administrator.	I	Not Answered	
1951	The operator can select the events listed on the summary report by nature code.	I	Not Answered	
1952	The reports includes the following, at a minimum:	I	Not Answered	
1953	● date/time	I	Not Answered	
1954	● event type	I	Not Answered	
1955	● event number	I	Not Answered	
1956	● event location	I	Not Answered	
1957	● response area	I	Not Answered	
1958	● event nature	I	Not Answered	
1959	● event status times	I	Not Answered	
1960	● units	I	Not Answered	
1961	● units status times	I	Not Answered	
1962	● narrative associated with the event	I	Not Answered	
1963	The items included on the report are customizable by an Agency.	I	Not Answered	
1964	The system can automatically redact information in the narrative of the events on the report as determined by an Agency (e.g., telephone numbers, social security numbers, names).	I	Not Answered	
1965	An authorized user may redact information in the narrative of the event in the report (e.g., names, juvenile information, HIPAA related information, criminal history information).	I	Not Answered	
1966	There is no limit on the amount of alphanumeric and special characters used in the narrative section of the Activity Report.	I	Not Answered	
1967	The system will store the Media Report for a period of time defined by an Agency.	I	Not Answered	
1968	The operator is able to send the Media Report to designated workstations, mobile data devices or printers either individually or as a group.	I	Not Answered	
1969	The operator is able to electronically share the Media Report via email.	I	Not Answered	
1970	The system is able to export the data related to the report for publication on a web page.	I	Not Answered	
	Web page			
1971	The system will automatically generate data for export for display on a web page.	I	Not Answered	
1972	The system can determine events to include for posting on the web page by nature code.	I	Not Answered	
1973	The reports includes the following, at a minimum:	I	Not Answered	
1974	● date/time	I	Not Answered	
1975	● event type	I	Not Answered	
1976	● event number	I	Not Answered	
1977	● event location	I	Not Answered	
1978	● event nature	I	Not Answered	
1979	● event status times	I	Not Answered	
1980	● units	I	Not Answered	
1981	● units status times	I	Not Answered	

ATTACHMENT A - FUNCTIONAL SPECIFICATIONS

Spec ID	Specification Description	Priority	Response	Additional Comments
1982	• narrative associated with the event	I	Not Answered	
1983	The items included on the report are customizable by an Agency.	I	Not Answered	
1984	The system can automatically redact information in the narrative of the events on the export data as determined by an Agency (e.g., telephone numbers, social security numbers, names).	I	Not Answered	
1985	An authorized user may redact information in the narrative of the event for the export (e.g., names, juvenile information, HIPAA related information, criminal history information).	I	Not Answered	

REGIONAL CAD